

RECORD OF PROCEEDINGS  
OF THE  
BOARD OF TRUSTEES  
OF THE  
OHIO STATE UNIVERSITY

COLUMBUS

July 1, 1973 to June 30, 1974

1973-1974

THE OHIO STATE UNIVERSITY

HAROLD L. ENARSON, *President*

BOARD OF TRUSTEES

	<i>Term Beginning</i>	<i>Term Expiring</i>
JAMES W. SHOCKNESSY, Columbus	August 2, 1965	May 13, 1974
DON M. HILLIKER, Bellefontaine	January 15, 1967	May 13, 1975
WILLIAM C. SAFFORD, Cincinnati	May 14, 1967	May 13, 1976
JOHN H. DUNLAP, Williamsport	May 14, 1968	May 13, 1977
M. MERLE HARROD, Wapakoneta	September 2, 1969	May 13, 1978
JOHN L. GUSHMAN, Lancaster	December 11, 1970	May 13, 1979
HOWARD D. SIRAK, Columbus	May 19, 1971	May 13, 1980
PATRICIA D. JAMES, Cleveland	July 18, 1972	May 13, 1981
CHESTER DEVENOW, Toledo	May 14, 1973	May 13, 1982
JOHN W. KESSLER, Columbus	May 14, 1974	May 13, 1983

OFFICERS

DON M. HILLIKER, *Chairman*  
WILLIAM C. SAFFORD, *Vice Chairman*  
EDWARD Q. MOULTON, *Secretary*  
ERNEST W. LEGGETT, *Treasurer*

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND EIGHTY-EIGHTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, July 6, 1973

The Board of Trustees met at its regular monthly meeting on Friday, July 6, 1973, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Don M. Hilliker, Chairman, James W. Shocknessy, William C. Safford, John H. Dunlap, M. Merle Harrod, John L. Gushman, Howard D. Sirak, Patricia D. James, and Chester Devenow.

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Minutes of the last meeting were approved.

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July 6, 1973 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM

President Enarson reported to the Board the deaths of Ely E. Bell, Professor in the Department of Physics; and Charles C. Callahan, Professor in the College of Law. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Ely E. Bell

The Board of Trustees of The Ohio State University expresses its sorrow at the death on June 20, 1973, of Ely E. Bell, Professor of Physics.

Dr. Bell was born in Trinidad, Colorado, on December 26, 1915. He received his bachelor's and master's degrees from the University of Colorado in 1938 and 1940 respectively and his doctoral degree in physics from The Ohio State University in 1947.

Dr. Bell began his service to The Ohio State University in 1942 as an Instructor in the Department of Electrical Engineering. He was a National Research Council Pre-doctoral Fellow in Physics at Ohio State in 1946-47 and became an Instructor in Physics in 1947. He was promoted to Assistant Professor in 1949, to Associate Professor in 1955, and to Professor in 1960. During the year 1952-53 he was on leave as a physicist at the U. S. Naval Research Laboratory, and in 1968-69 he held the Merton Professorship as Distinguished Visiting Professor at the University of Freiburg in Germany.

Dr. Bell's forty-four published papers and his international reputation in the field of molecular spectroscopy and infrared instrumentation attest to the important contributions he made to his chosen fields of research. He was a member of the American Physical Society, Phi Beta Kappa, and Sigma Xi.

Dr. Bell had a strong and vital interest in students as people, and he enjoyed teaching and working with them at all levels - from freshmen to graduate students. His recent contributions to the generation of new introductory courses in physics for students with no background in science were important ones and illustrative of his concerns as a scholar and teacher.

On behalf of the University, the Board of Trustees expresses to his family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.



July 6, 1973 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (continued)

B. Charles C. Callahan

The Board of Trustees expresses its sorrow at the death on June 18, 1973, of Charles C. Callahan, Professor in the College of Law.

Professor Callahan was an outstanding teacher and a leading expert in the field of Property Law. He published a number of noteworthy books and articles and contributed chapters to Encyclopaedia Britannica and American Jurisprudence. He also taught Insurance and Evidence.

A native of Jackson, Ohio, Professor Callahan graduated from The Ohio State University College of Law in 1934 with the degree Juris Doctor (summa cum laude). He practiced briefly in Wellston, Ohio, and was then a Sterling Fellow and Research Assistant at the Yale Law School, from which he received the J. S. D. degree in 1937. He was Assistant Professor of Law at the Yale Law School from 1939 to 1943. He then joined the faculty of The Ohio State University College of Law and remained in its service until his death. He was widely known and respected among lawyers in Ohio and throughout the Nation and devoted himself unselfishly to his profession. Administrators and colleagues found in him a wise, sympathetic and steady co-worker. His passing leaves a void in the College of Law and The Ohio State University.

Professor Callahan was a man of many interests. He played the piano, violin and bass viol and enjoyed both jazz and classical music. He was also an accomplished amateur photographer and did bookbinding and woodworking in his spare time.

In 1971 Professor Callahan was honored by alumni of the College of Law with their Distinguished Alumnus Award, becoming only the eighth graduate of the College to be so recognized. It was then estimated that he had taught more than 3,000 graduates of the College. His portrait hangs in the Alumni Lounge of the College with the select group of statesmen and civic and professional leaders who have been similarly honored.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

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July 6, 1973 meeting, Board of Trustees

President Enarson presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Degrees and Certificates Conferred--Summer Quarter Commencement

President Enarson recommended that degrees and certificates be conferred at the Summer Quarter Commencement Convocation on August 31, 1973, to those students who have completed the requirements for their respective degrees and certificates and are recommended by the University Senate. The names of those awarded degrees and certificates will be included in the minutes of this meeting. (See Appendix I, page 51.)

Upon motion of Mr. Shocknessy, seconded by Mr. Devenow, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

B. Distinguished Service Awards

Serving as a Committee on Distinguished Service Awards, the President's Cabinet has nominated and recommended for approval by the Board of Trustees, the following-named persons to receive the Distinguished Service Award at the August 31, 1973 Commencement. These awards are given in recognition of distinguished service to The Ohio State University and the awards are in accordance with action taken by the Board of Trustees in 1952.

Harold P. Fawcett  
Alfred B. Garrett  
John H. Herrick  
Frederick Stecker

Upon motion of Mr. Harrod, seconded by Mr. Safford, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

C. Fee Schedule, Effective Autumn Quarter, 1973

President Enarson made the following statement on fees for evening and part-time students:

Along with all major urban universities in the country, The Ohio State University needs to turn on the lights and open its doors to the non-traditional, the evening and part-time student. No longer can we--or should we--seek to appeal only to the typical undergraduate or graduate student.

Effective this autumn quarter, Ohio State will make it possible for a part-time student to earn a degree entirely during evening hours. And it will be economically feasible for him to do so, with fees charged on a sliding scale per credit hour, rather than on the current fee structure.

July 6, 1973 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Fee Schedule, Effective Autumn Quarter, 1973 (continued)

President Enarson's statement (continued)

This extension of the existing evening program will be of particular benefit to those in Central Ohio who are employed or otherwise occupied during the day but want to pursue a degree after 5:00 p.m. The emphasis will be on making the University's courses and services as convenient and accessible as possible.

We think these new opportunities will be especially appealing to several groups. The person on a job who has not attended college before will now be able to begin and complete a degree after working hours. The college graduate who may want to change careers, or obtain a master's degree for advancement in his present field, will be able to do so. Homemakers and others who started college but did not finish may now complete their degree. And students who are presently enrolled will welcome the flexibility of evening courses so that they can fit part-time employment into their schedules more easily.

Initially, undergraduate degree programs will be available in eleven fields--English, history, political science, psychology, sociology, social science, business administration, electrical engineering, mechanical engineering, computer and information science, and theatre.

Master's degrees will be available in six fields--English, history, journalism, business administration, music education, and art education. The possibility of M. A. programs in classics, French, German, and Spanish is being considered also and will depend upon whether sufficient demand exists.

All evening courses will continue to be exactly the same as their daytime counterparts. However, administrative procedures will be streamlined to make it as easy as possible for the evening student to be admitted, to schedule classes, and to receive such advising and counseling services as he may need or wish.

The Admissions Office will coordinate services for evening students and answer questions of prospective students. Interested persons may contact the Admissions Office for information.

July 6, 1973 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Fee Schedule, Effective Autumn Quarter, 1973 (continued)

President Enarson's statement (continued)

Evening classes are not new at Ohio State. In addition to regular course offerings in the evening, the University provides a wide range of credit and non-credit programs through its Division of Continuing Education. But interest has grown during the past few years to such an extent that last summer the Provost appointed a task force to assess the need and consider ways of expanding our evening program.

To get initial guidance on the kinds of courses needed, the task force conducted an informal survey of area businesses. More detailed information is currently being collected by Statewide Opinion Research of Ohio, a division of the University's Behavioral Sciences Laboratory. These findings will be used to refine the program this autumn and in future planning.

We feel that it is absolutely necessary to move ahead rapidly in offering a wider range of courses to the working adult, the housewife, or to any others who need these opportunities but have not found them readily available in the past. And we view this extension of our evening program and the modification of our fee structure as an essential first step.

President Enarson recommended that the current fee structure and attendant charges be modified in accordance with the accompanying schedule to support this University's commitment to provide broadened opportunities in continuing and non-traditional education through a comprehensive part-time and evening program. The current charge structure simply does not accommodate those persons who wish to register for but one course, since they are presently obliged to pay one-half of full quarterly fees plus an Application Fee and an Acceptance Fee upon initial registration. (For a three-credit-hour undergraduate level course, this presently is \$160.00.)

The modified fee structure and attendant charges proposed establishes a credit-hour charge for enrollment in six or fewer credit hours with a minimum charge for three or fewer credit hours and changes the Orientation and Registration Fee to an Acceptance Fee and defers the payment of this fee for part-time students until students enroll in a degree program. (This fee will continue to be assessed for all students enrolling for the first time in one of the University's undergraduate degree-granting colleges or schools or University College.)

Schedule of Student Fees, Effective Autumn Quarter, 1973

	<u>Credit Hours Enrolled</u>	<u>Instruc- tional</u>	<u>General</u>	<u>Resident Total</u>	<u>Out-of-State Tuition</u>	<u>Non- Resident Total</u>
Administrative Science						
Agriculture and Home Economics						
Allied Medical Professions						
Architecture						
Biological Sciences						
Continuing Education						
Dental Hygiene						
Education						
Engineering						
Health, Physical	0-3	\$ 54	\$ 9	\$ 63	\$ 90	\$153
Education and	4	72	12	84	120	204
Recreation	5	90	15	105	150	255
Humanities	6	105	20	125	175	300
Journalism	7 or more	210	40	250	350	600
Mathematics and Physical Sciences						
Music						
Natural Resources						
Nursing						
Pharmacy						
Social and Behavioral Sciences						
Social Work						
The Arts						
University College						
Dentistry	0-3	\$ 69	\$ 9	\$ 78	\$ 90	\$168
Graduate School	4	92	12	104	120	224
Law	5	115	15	130	150	280
Medicine	6	135	20	155	175	330
Optometry	7 or more	270	40	310	350	660
Veterinary Medicine						
University Regional Campuses	0-3	\$ 51	\$ 6	\$ 57	\$ 90	\$147
	4	68	8	76	120	196
	5	85	10	95	150	245
	6	100	13	113	175	288
	7 or more	200	25	225	350	575

Full-time students (those enrolled in any quarter, term, or period for seven or more hours) will be assessed full fees. Fees for students enrolled for six or fewer hours in any quarter, term, or period shall be assessed on a per credit hour of enrollment basis, with the minimum fee for three or fewer hours being the fee computed for three hours.

I. GENERAL RECOMMENDATIONS (continued)

C. Fee Schedule, Effective Autumn Quarter, 1973 (continued)

And finally because of the costs associated with the increased number of students who are receiving credit by examination, and in anticipation of a further increase in this means of earning credit particularly in our non-traditional education program, it is proposed that a \$10.00 charge be established for each examination taken for the possible award of credit by examination. However, examinations required by academic departments for placement of students in appropriate levels in a course series will be exempt from this charge.

It was further recommended that Rule 43.02 of Rules for the University Faculty be revised to accomplish the above change in regard to the Acceptance Fee. The modified Rule 43.02 will be as follows:

43.02. Application and Acceptance Fees.\*

Section 1. All applications for first admission to the University must be accompanied by an application fee of \$10.00. This fee is non-refundable and is not credited against any other fees charged by the University.

Section 2. A non-refundable Acceptance Fee in the amount of \$25.00 is assessed all students enrolling for the first time in one of the University's undergraduate degree-granting colleges or schools or University College. The Acceptance Fee is to be paid within three weeks following notification of official admission, in all cases prior to orientation, or within two weeks prior to the final date for registration.

Section 3. A non-refundable Acceptance Fee in the amount of \$15.00 is assessed all students enrolling for the first time in one of the professional colleges or the Graduate School of The Ohio State University. Payment is to be made at the time registration forms are requested.

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\*Rule initiated by Board of Trustees.

Upon motion of Mr. Gushman, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendations by unanimous roll call vote.

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II. PERSONNEL ACTIONS

Personnel actions since the June 7, 1973 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Appointments, Leaves of Absence Without Salary, Emeritus Titles, and Modification of Terms of Appointment of Department Chairmen:

II. PERSONNEL ACTIONS (continued)

A. Appointments

Ted R. Robinson, Assistant Vice President in the Office of the Vice President for Regional Campuses and Dean of University College, effective September 1, 1973, at a salary of \$28,488.00 per annum. Dr. Robinson will continue to hold an academic appointment in the Department of Agricultural Education as Associate Professor.

Elson L. Craig, Assistant Dean for Medical Student Affairs, (part time - 50 per cent), effective immediately at a salary of \$12,708.00 per annum. Dr. Craig will continue to hold an academic appointment as Assistant Professor (part time - 50 per cent), Department of Ophthalmology. (Twelve-month appointment)

Jerry Huddleston, Assistant Dean in the College of Medicine, effective immediately, at a salary of \$20,448.00 per annum. (Twelve-month appointment)

Manuel Tzagournis, Assistant Dean and Secretary in the College of Medicine, effective immediately, at a salary of \$25,728.00 per annum. Dr. Tzagournis will continue to hold an academic appointment in the Department of Medicine as Associate Professor. (Twelve-month appointment)

Garth F. Essig, Assistant Professor and Acting Chairman, Department of Obstetrics and Gynecology, effective immediately, at a salary of \$21,576.00 per annum. (Twelve-month appointment)

B. Leaves of Absence Without Salary

Bogdan Baishanski, Professor, Department of Mathematics, effective October 1, 1973 through December 31, 1973, to do research and teach at the University of Florida, Gainesville, Florida.

Melvin Greenball, Professor, Academic Faculty of Accounting, effective October 1, 1973 through September 30, 1974, to serve as a visiting professor at the University of British Columbia, Vancouver, B.C., Canada.

Nicholas Holowaychuck, Professor, Department of Agronomy, effective July 1, 1973 through July 31, 1973, to conduct a soil survey in Alaska for the United States Park Service.

July 6, 1973 meeting, Board of Trustees

II. PERSONNEL ACTIONS (continued)

B. Leaves of Absence Without Salary (continued)

James R. Kincaid, Professor, Department of English, effective October 1, 1973 through September 30, 1974, to accept a Guggenheim Fellowship.

Ilse Lehiste, Professor, Department of Linguistics, effective April 1, 1974 through June 30, 1974, to serve as a guest professor at Institut Fur Allgemeine und Indogerm Sprachwissenschaft Universitat, Wein, Austria.

Richard S. Miller, Professor, College of Law, effective October 1, 1973 through September 30, 1974, to teach at the University of Hawaii, School of Law, Honolulu, Hawaii.

Morgan Shipman, Professor, College of Law, effective October 1, 1973 through December 31, 1973, to teach at the University of Michigan, Ann Arbor, Michigan.

David H. Stansbery, Professor, Department of Zoology, effective October 1, 1973 through June 30, 1974, to serve as Curator of mollusks and updating identification, participating in research program and presenting lectures at the Smithsonian Institution, Washington, D. C.

John C. Weicher, Associate Professor, Department of Economics, effective October 1, 1973 through September 30, 1974, to serve as staff economist at the Office of Economic Opportunity, Washington, D. C.

Shirley Wynne, Associate Professor, Department of Dance, effective October 1, 1973 through September 30, 1974, to teach at Ohio University, Department of Dance, Athens, Ohio.

Katherine Burkman, Assistant Professor, Division of Comparative Literature, effective October 1, 1973 through September 30, 1974, for personal reasons.

Bohuslav Divis, Assistant Professor, Department of Mathematics, effective October 1, 1973 through September 30, 1974, to do research and teach at Johann Wolfgang Goethe-Universitat, Frankfurt, West Germany.

Iona Grosshans, Assistant Professor, School of Health, Physical Education, and Recreation, effective October 1, 1973 through September 30, 1974, to do graduate work on doctorate, in the Department of Health Education at Indiana University, Bloomington, Indiana.



July 6, 1973 meeting, Board of Trustees

II. PERSONNEL ACTIONS (continued)

B. Leaves of Absence Without Salary (continued)

Koichiro Harada, Assistant Professor, Department of Mathematics, effective October 1, 1973 through September 30, 1974, to do research and teach at Cambridge University, Oxford, England.

Bertram Katz, Assistant Professor, Division of Art, effective October 1, 1973 through September 30, 1974, to direct the arts program of the Great Lakes Colleges Association in New York.

James E. Schultz, Assistant Professor, Department of Mathematics, effective October 1, 1973 through September 30, 1974, to do research and teach at Michigan State University.

Neil E. Smeck, Assistant Professor, Department of Agronomy, effective July 20, 1973 through August 31, 1973, to conduct soil survey for U. S. Park Service in Alaska.

Jewell Vroonland, Assistant Professor, Department of English, effective October 1, 1973 through September 30, 1974, to do research for Ohio Legislative Service Commission.

Jean Gottfried, Instructor, Cooperative Extension Service, effective October 1, 1973 through March 31, 1974, to participate in a program of professional improvement at The Ohio State University.

Larry Lotz, Instructor, Cooperative Extension Service, effective October 1, 1973 through June 15, 1974, to participate in a program of professional improvement at The Ohio State University.

Marilynne Snook, Instructor, Cooperative Extension Service, effective July 1, 1973 through June 30, 1974, to participate in a program of professional improvement at The Ohio State University.

Paul zumFelde, Instructor, Cooperative Extension Service, effective September 1, 1973 through April 30, 1974, to participate in a program of professional improvement at Eastern Michigan University.



July 6, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

President Enarson recommended that the following contracts and grants negotiated and monies received for the month of May be accepted.

SUMMARY

	No. of Projects/ Donors	Gross Value
Office of Finance and Treasurer	33	\$3,198,409.00
The Ohio State University Research Foundation	58	2,151,451.00
The Engineering Experiment Station	1	38,040.00
The Ohio State University Development Fund	3,495	354,897.00

A detailed listing of the items in each section is shown on the following pages.

Upon motion of Mr. Safford, seconded by Dr. Sirak, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the report from the Office of Finance and Treasurer and The Ohio State University Development Fund, including the establishment of named funds, were approved by unanimous voice vote.

July 6, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

A. OFFICE OF FINANCE AND TREASURER

Summary for Fiscal Year 1972-73  
(Eleven Months through May 31, 1973)

	Number of Projects	Amount of Support	% Change 1971-72
<u>Federal</u>			
Student	21	\$ 4,723,889.50	- 13.1
Training Grants	126	15,189,918.71	- 18.6
	147	\$19,913,808.21	- 17.4
<u>State</u>	14	304,627.93	- 38.8
<u>Industrial and Other</u>	13	527,141.27	36.8
Totals	174	\$20,745,577.41	- 17.0

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B. THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Summary for Fiscal Year 1972-73  
(Eleven Months through May 31, 1973)

	Number of Projects	Amount of Support	% Change 1971-72
<u>Federal</u>			
Atomic Energy Commission	8	\$ 453,445.00	2.25
National Aeronautics and Space Administration	17	491,533.00	- 17.10
National Science Foundation	85	3,299,850.00	34.00
Department of Defense	58	2,230,473.00	- 44.31
Health, Education, and Welfare	114	7,609,354.52	- 5.13
Other Federal	40	3,578,901.00	237.65
Total	322	\$17,663,545.52	4.09
<u>State</u>	12	550,686.56	230.64
<u>Industrial and Other</u>	111	2,325,360.82	40.77
Totals	445	\$20,539,592.90	9.32

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July 6, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

C. THE ENGINEERING EXPERIMENT STATION

Summary for Fiscal Year 1972-73  
(Eleven Months through May 31, 1973)

	Number of Projects	Amount of Support	% Change 1971-72
<u>Federal</u>	15	\$ 145,181.00	- 31.3
<u>State</u>	34	501,620.00	27.8
<u>Industrial and Other</u>	<u>284</u>	<u>430,337.00</u>	<u>28.2</u>
Totals	333	\$ 1,077,138.00	14.7

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D. THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Summary for Fiscal Year 1972-73  
(Eleven Months through May 31, 1973)

	Number of Donors	Amount of Gifts	% Change 1971-72
<u>General Solicitation</u>	<u>27,770</u>	<u>\$ 594,681.00</u>	<u>14.4</u>
<u>Major Resources Group</u>			
Major Individual Gifts	661	\$ 2,476,848.00	13.4
Corporate Gifts	417	1,077,847.00	9.1
Foundation and Non- Profit Organization Gifts	<u>437</u>	<u>1,335,701.00</u>	<u>36.5</u>
Total	<u>1,515</u>	<u>\$ 4,890,396.00</u>	<u>17.8</u>
Grand Total	29,285	\$ 5,485,077.00	17.4

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July 6, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

A. Office of Finance and Treasurer

1. Contracts/Grants

- a. \$1,111,522.00 granted by Department of Health, Education, and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C., to the University for College Work-Study Program, for the period July 1, 1973 through June 30, 1974. (NIH Grantee No. 766505)
- b. \$605,070.00 granted by Department of Health, Education, and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C., to the University for Educational Opportunity Grants Program, for the period July 1, 1973 through June 30, 1974. (NIH Grantee No. 766505)
- c. \$218,137.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., to the University for Training of Professional Personnel in the Education of the Handicapped, for the period through August 31, 1974; \$153,307.00 under the direction of the College of Education, Academic Faculty for Exceptional Children; \$41,461.00 under the direction of the School of Health, Physical Education and Recreation; and \$23,369.00 under the direction of The Nisonger Center. (Grant No. OEG-0-72-4136)
- d. \$143,443.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Cardiovascular Training Program - Training Grant, under the direction of the Department of Medicine, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 T01 HL05968-02)
- e. \$124,999.00 granted by Department of Health, Education, and Welfare, Region V, Social and Rehabilitation Service - Rehabilitation Training MR, Chicago, Illinois, to the University for Home Training Consultants - Training Grant, under the direction of The Nisonger Center, for the period July 1, 1973 through June 30, 1974. (Grant No. 55-P-25182/5-03)
- f. \$117,442.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Graduate Psychiatric Nursing - Training Grant, under the direction of the School of Nursing, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 T01 MH12394-04)
- g. \$112,000.00 granted by Department of State, Agency for International Development, Washington, D. C., to the University for amendment to PIO/T 617-060-3-20035 for project in Uganda, East Africa, under the direction of the College of Agriculture and Home Economics - International Development Programs. (Contract No. AID/afr-798, Amendment No. 1)

July 6, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

A. Office of Finance and Treasurer

1. Contracts/Grants (continued)

- h. \$71,447.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Clinical Cancer Training - Medical - Training Grant, under the direction of the Department of Surgery, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 T12 CA08110-08)
- i. \$50,430.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., to the University for Training of Professional Personnel in the Education of the Handicapped, under the direction of the School of Home Economics, for the period June 1, 1973 through August 31, 1974. (Grant No. OEG-0-73-6165)
- j. \$49,999.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., to the University for Developmentally Delayed Infant Education Project, under the direction of The Nisonger Mental Retardation Center, for the period July 1, 1973 through June 30, 1974. (Grant No. OEG-0-73-5583)
- k. \$48,000.00 granted by Department of State, Agency for International Development, Washington, D. C., to the University for amendment to PIO/T 617-060-3-10026, PIO/T 617-060-3-20035, and PIO/T 617-060-3-30008 for project in Uganda, East Africa, under the direction of the College of Agriculture and Home Economics - International Development Programs. (Contract No. AID/afr-798, Amendment No. 3)
- l. \$46,537.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Parasitology and Medical Entomology - Training Grant, under the direction of the Department of Entomology, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 T01 AI00216-13)
- m. \$45,000.00 granted by the State of Ohio, Department of Natural Resources, Division of Wildlife, Columbus, Ohio, to the University for Impact of Parasitic Red Worms on Lake Erie Fishes, under the direction of the College of Biological Sciences, for the period May 1, 1973 through May 31, 1974. (Project No. F-48-R-2)
- n. \$43,088.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Pharmacology - Training Grant, under the direction of the Department of Pharmacology, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 T01 GM01417-09)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

A. Office of Finance and Treasurer

1. Contracts/Grants (continued)

- o. \$37,556.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Experimental Psychology Graduate - Training Grant, under the direction of the Department of Psychology, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 T01 MH08526-10)
- p. \$37,500.00 granted by the State of Ohio, Department of Natural Resources, Division of Wildlife, Columbus, Ohio, to the University for Environmental Evaluation of a Nuclear Power Plant on Lake Erie, under the direction of the College of Biological Sciences, for the period May 1, 1973 through May 31, 1974. (Project No. F-41-R-5)
- q. \$37,278.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Surgery - Training Grant, under the direction of the Department of Surgery, for the period July 1, 1973 through June 30, 1974. (Grant No. 2 T01 GM01539-08)
- r. \$34,974.00 granted by Department of Health, Education, and Welfare, Region V, Social and Rehabilitation Service - RSA Developmental Disabilities, Chicago, Illinois, to the University for UAF Administration and Operation, under the direction of The Nisonger Center, for the period June 30, 1973 through June 29, 1974. (Grant No. 59-P-25294/5-02)
- s. \$31,500.00 additional grant by Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., to the University for Projects for Preparation of Information Analysis Products, under the direction of the Center for Vocational and Technical Education, for the period ending August 31, 1973. (Contract No. OEC-0-70-1214)
- t. \$31,481.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Social Psychology - Training Grant, under the direction of the Department of Psychology, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 T01 MH12349-03)
- u. \$29,001.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Research Training Physiological Psychology - Training Grant, under the direction of the Department of Psychology, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 T01 MH06748-16)



July 6, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

A. Office of Finance and Treasurer

1. Contracts/Grants (continued)

- v. \$27,044.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Research and Faculty Training in Dental Anesthesiology, under the direction of the College of Dentistry, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 T01 DE00291-02)
- w. \$20,000.00 additional grant by Department of Health, Education and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C., to the University for the College Work-Study Program, for the period July 1, 1972 through June 30, 1973. (NIH Grantee No. 766505)
- x. \$20,000.00 granted by Defense Civil Preparedness Agency, Region IV, Federal Center, Battle Creek, Michigan, to the University, for Conducting Four Regional and State, Local On-Site Assistance Surveys to Determine State and Local Training Requirements, under the direction of the Division of Continuing Education, for the period beginning June 1, 1973. (Contract No. DAHC20-73-C-0211)
- y. \$18,500.00 granted by the Department of State, Agency for International Development, Washington, D. C., to the University for an amendment to PIO/T 617-060-3-30008 for project in Uganda, East Africa, under the direction of the College of Agriculture and Home Economics - International Development Programs. (Contract No. AID/afr-798, Amendment No. 2)
- z. \$17,322.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Orthopaedic Education for Medical School Careers - Training Grant, under the direction of the Department of Surgery, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 T01 AM05695-02)
- aa. \$17,093.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Clinical Cancer Training, Dental - Training Grant, under the direction of the College of Dentistry, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 T12 CA08129-07)

July 6, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

A. Office of Finance and Treasurer

1. Contracts/Grants (continued)

- bb. \$15,717.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Psychiatric Social Work Doctoral and Third Year - Training Grant, under the direction of the School of Social Work, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 T01 MH11981-05)
- cc. \$13,500.00 additional grant by National Science Foundation, Washington, D. C., to the University for Student Science Training Program (Pre-College), under the direction of the Department of Mathematics, for the period ending October 31, 1973. (Grant GW-8206, Proposal No. 3/1627, Amendment No. 1)
- dd. \$11,880.00 granted by The Ford Foundation, New York, New York, to the University for two Black American Doctoral Fellowships, under the direction of the Graduate School, for the academic year 1973-74. (Project No. 719-0021)
- ee. \$5,000.00 granted by the State of Ohio, Department of State Personnel, Division of Intergovernmental Personnel and Training, Columbus, Ohio, to the University for a comprehensive training and reference manual covering the areas of employer-employee relations or labor-management relations in the public sector within the State of Ohio, under the direction of the College of Administrative Science, Division of Continuing Education, for period ending June 30, 1973.
- ff. \$4,500.00 additional grant by National Endowment for the Humanities, Washington, D. C., to the University for two additional summer seminar participants, under the direction of the Department of English. (Grant No. FS-9386-73-246)
- gg. \$1,449.00 granted by Department of Health, Education, and Welfare, Region V, Social and Rehabilitation Service - Rehabilitation Services, Chicago, Illinois, to the University for Undergraduate Traineeships in Rehabilitation Medicine, under the direction of the Department of Physical Medicine, for the period May 1, 1973 through April 30, 1974. (Grant No. 44-P-25217/5-02)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation

1. Federal Research Contracts/Grants

- a. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Southwest Cooperative Chemotherapy Group (to be known as Project No. 1094-M - Revised Award Dtd. 2/21/73 - Department of Medicine).  
Gross Value - \$6,519.00.
- b. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, General Clinical Research Center - 10 Beds (to be known as Project No. 1196-2M - Ext. #12 - Department of Medicine).  
Gross Value - \$295,050.00.
- c. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, General Clinical Research Center - 10 Beds (to be known as Project No. 1196-3M - Ext. #11 - Department of Medicine).  
Gross Value - \$170,051.00.
- d. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Distribution and Metabolism of Labeled Digitaloids (to be known as Project No. 1451-L - Ext. #11 - Department of Pharmacology).  
Gross Value - \$44,690.00.
- e. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Synthesis of Carcinogenic Compounds (to be known as Project No. 1809-H - Ext. #8 - Department of Chemistry).  
Gross Value - \$29,709.00.
- f. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Biochemistry of Mitrosourea Induced Brain Tumors (to be known as Project No. 2069-H - Ext. #8 - Department of Medicine).  
Gross Value - \$39,137.00.
- g. National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Millimeter-Wavelengths Propagation Studies (to be known as Project No. 2374 - Sup. #9 - Department of Electrical Engineering).  
Gross Value - \$30,000.00.

July 6, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts/Grants (continued)

- h. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, A Model of Para-infectious Demyelinating Encephalitis (to be known as Project No. 2797-D - Ext. #4 - Department of Veterinary Pathobiology).  
Gross Value - \$43,352.00.
- i. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolic and Digestive Diseases, Bethesda, Maryland, Enzyme Catalysts of Electron and Group Transfer (to be known as Project No. 2811-D - Ext. #4 - Department of Chemistry).  
Gross Value - \$27,480.00.
- j. Department of Defense, Office of Naval Research, Arlington, Virginia, Open-Loop Analysis of the Carbon Dioxide Receptor Reflex (to be known as Project No. 2822 - Mod. #4 - Department of Physiology).  
Gross Value - \$8,985.00.
- k. Department of Defense, Office of Naval Research, Arlington, Virginia, Seminars in Defense Two-Step Formal Advertising and Multi-Year Procurement Procedures (to be known as Project No. 3006-A1 - Mod. #6 - College of Administrative Science, Division of Continuing Education).  
Gross Value - \$4,449.00.
- l. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, New Antibiotics - Isolation, Synthesis and Evaluation (to be known as Project No. 3054-A4 - Ext. #4 - College of Pharmacy).  
Gross Value - \$41,255.00.
- m. U. S. Agency for International Development, APO, New York, Venezuelan Human Resources Planning Project (to be known as Project No. 3096-A1 - Amend. #3 - Center for Human Resource Research).  
Gross Value - \$10,000.00.
- n. National Science Foundation, Washington, D. C., Problems in Molecular Structure Employing Infrared Techniques and Theory (to be known as Project No. 3205-A1 - Amend. #1 - Department of Physics).  
Gross Value - \$15,000.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts/Grants (continued)

- o. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Division of Nursing, Bethesda, Maryland, A Study of the Communicative Interaction Process (to be known as Project No. 3235-A3 - Ext. #2 - School of Nursing).  
Gross Value - \$97,859.00.
- p. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Aortic Function (to be known as Project No. 3236-A3 - Ext. #2 - Department of Physiology).  
Gross Value - \$25,679.00.
- q. Department of Defense, Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Development of a Duoplasmatron Excitation Technique for Measuring Flow Properties Around High Speed Vehicles (to be known as Project No. 3361-A1 - Mod. #P00002 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$7,928.00.
- r. National Science Foundation, Washington, D. C., Low-Temperature Transport Phenomena in Metals (to be known as Project No. 3436-B1 - New - Department of Physics).  
Gross Value - \$24,000.00.
- s. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Application of Immobilized Enzymes in Protein Chemistry (to be known as Project No. 3477-A2 - Ext. #1 - Department of Biochemistry).  
Gross Value - \$23,229.00.
- t. Department of Defense, Department of the Air Force, Air Force Systems Command, Brooks Air Force Base, Texas, Development and Evaluation of Social Incentive System for Air Force Technical Training (to be known as Project No. 3481-A1 - Mod. #P00001 - Department of Psychology).  
Gross Value - \$14,612.00.
- u. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Immunology of Oviducal and Uterine Fluid Proteins (to be known as Project No. 3483-A2 - Ext. #1 - Department of Obstetrics and Gynecology).  
Gross Value - \$68,549.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts/Grants (continued)

- v. U. S. Department of Labor, Manpower Administration, Washington, D. C., National Longitudinal Studies of Labor Force Behavior (to be known as Project No. 3489-A1 - Mod. #3 - Center for Human Resource Research).  
Gross Value - \$57,746.00.
- w. Department of Defense, Department of the Army, Corps of Engineers, Huntington, West Virginia, Environmental Analysis of Central Ohio (to be known as Project No. 3492-A1 - Ltr. Dtd. 5/15/73 - Ohio Biological Survey).  
Gross Value - \$23,540.00.
- x. Department of Defense, Department of the Army, Corps of Engineers, Huntington, West Virginia, Environmental Analysis of Central Ohio (to be known as Project No. 3492-C1 - Ltr. Dtd. 5/15/73 - Ohio Biological Survey and School of Architecture).  
Gross Value - \$1,460.00.
- y. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Library of Medicine, Bethesda, Maryland, Participation in the Biomedical Data Network (BDN) (to be known as Project No. 3497-A1 - Mod. #1 - Department of Medicine).  
Gross Value - \$31,842.00.
- z. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Spin-Label Investigation of Enzyme Conformation (to be known as Project No. 3506-A2 - Ext. #1 - Department of Chemistry).  
Gross Value - \$16,246.00.
- aa. Department of Defense, Department of the Navy, Office of Naval Research, Arlington, Virginia, Defense Cost and Price Analysis Course (to be known as Project No. 3528-A1 - Amend. #1 - College of Administrative Science, Division of Continuing Education).  
Gross Value - \$35,245.00.
- bb. U. S. Department of Transportation, Federal Highway Administration, Washington, D. C., Field Test and Evaluation Center for Eastern States (to be known as Project No. 3535-A1 - Mod. #1 - Engineering Experiment Station).  
Gross Value - \$196,307.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts/Grants (continued)

- cc. National Science Foundation, Washington, D. C., Research Hybrid Computer Equipment (to be known as Project No. 3669-A1 - New - Department of Electrical Engineering).  
Gross Value - \$70,000.00.
- dd. Department of Defense, Department of the Air Force, Office of Scientific Research, Arlington, Virginia, Fluid Dynamic Interactions in Multiple Nozzle Arrays (to be known as Project No. 3670-A1 - New - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$39,780.00.
- ee. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Transfer Factor Immunotherapy of Cancer (to be known as Project No. 3674-A1 - New - Department of Medicine).  
Gross Value - \$69,888.00.
- ff. National Science Foundation, Washington, D. C., Strontium Isotope Stratigraphy of Deep Sea Sediment from the Red Sea (to be known as Project No. 3675-A1 - New - Department of Geology and Mineralogy).  
Gross Value - \$11,800.00.
- gg. National Science Foundation, Washington, D. C., Graph Connectivity (to be known as Project No. 3676-A1 - New - Department of Mathematics).  
Gross Value - \$5,700.00.
- hh. National Science Foundation, Washington, D. C., Linear Systems Over Commutative Rings (to be known as Project No. 3677-A1 - New - Department of Mathematics).  
Gross Value - \$6,600.00.
- ii. National Science Foundation, Washington, D. C., Diffusion Induced Stresses and Plastic Deformation (to be known as Project No. 3678-A1 - New - Department of Metallurgical Engineering).  
Gross Value - \$40,000.00.
- jj. National Science Foundation, Washington, D. C., Trait Meaning in Impression Formation (to be known as Project No. 3679-A1 - New - Department of Psychology).  
Gross Value - \$48,100.00.
- kk. National Science Foundation, Washington, D. C., Role of RNA Synthesis in Abscissic Acid Activity (to be known as Project No. 3680-A1 - New - Department of Botany).  
Gross Value - \$38,000.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts/Grants (continued)

- ll. National Science Foundation, Washington, D. C., Spectroelectrochemistry in Flowing Streams (to be known as Project No. 3681-A1 - New - College of Pharmacy).  
Gross Value - \$30,000.00.
- mm. National Science Foundation, Washington, D. C., Combinatorial Geometry: The Whitney Numbers and Elementary Strong Maps (to be known as Project No. 3684-A1 - New - Department of Mathematics).  
Gross Value - \$6,800.00.
- nn. National Science Foundation, Washington, D. C., Invariant Algebraic Structures for Nonsplit Lie Algebras and Algebraic Groups (to be known as Project No. 3685-A1 - New - Department of Mathematics).  
Gross Value - \$20,000.00.
- oo. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Stroke Acute Care Research Unit (to be known as Project No. 3687-A1 - New - Department of Medicine).  
Gross Value - \$71,105.00.
- pp. Department of Defense, Army Research Institute for the Behavioral and Social Sciences, Arlington, Virginia, Visual Search with Embedded Targets (to be known as Project No. 3689-A1 - New - Institute for Research in Vision).  
Gross Value - \$29,576.00.
- qq. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, RNA Mediated Abrogation of Lung Cancer Induced Anergy (to be known as Project No. 3692-A1 - New - Department of Microbiology).  
Gross Value - \$45,070.00.

TOTAL - Federal Research Contracts/Grants \$1,922,338.00

2. State Research Contracts/Grants

- a. State of Ohio, Department of Liquor Control, Columbus, Ohio, A Comprehensive Review of the State of Ohio Department of Liquor Control's Policies and Procedures (to be known as Project No. 3263-A1 - Amend. Dtd. 5/17/73 - Academic Faculty of Marketing).  
Gross Value - \$18,695.00.



July 6, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

B. The Ohio State University Research Foundation (continued)

2. State Research Contracts/Grants (continued)

- b. State of Ohio, Department of Mental Health and Mental Retardation, Columbus, Ohio, Pet-Oriented Psychotherapy Program (to be known as Project No. 3668-A1 - New - Department of Psychiatry).  
Gross Value - \$40,000.00.
- c. State of Ohio, Department of Mental Health and Mental Retardation, Columbus, Ohio, Mental Health and Mental Retardation Study (to be known as Project No. 3671-A1 - New - Behavioral Sciences Laboratory).  
Gross Value - \$2,000.00.
- d. State of Ohio, Department of Mental Health and Mental Retardation, Chillicothe, Ohio, Evaluation of the Toledo Forensic Psychiatry Center (to be known as Project No. 3691-A1 - New - College of Administrative Science, Division of Public Administration).  
Gross Value - \$2,300.00.

TOTAL - State Research Contracts/Grants \$62,995.00

3. Industrial and Other Research Contracts/Grants

- a. The John A. Hartford Foundation, New York, New York, The Pharmacologic Control of Portal Hypertension (to be known as Project No. 3386-A2 - Ext. #1 - Department of Surgery).  
Gross Value - \$78,146.00.
- b. Columbus/Franklin County Criminal Justice Coordinating Council, Columbus, Ohio, Franklin County Criminal Justice System (to be known as Project No. 3664-A1 - New - College of Administrative Science, Division of Public Administration).  
Gross Value - \$4,451.00.
- c. Buckeye Boys Ranch, Grove City, Ohio, Evaluation Audit of Buckeye Boys Ranch (to be known as Project No. 3665-A1 - New - Department of Sociology and College of Administrative Science, Division of Public Administration).  
Gross Value - \$6,700.00.
- d. State of Ohio, Department of Rehabilitation and Correction, Columbus, Ohio, Evaluation of Community Reintegration Centers (to be known as Project No. 3666-A1 - New - College of Administrative Science, Division of Public Administration and School of Social Work).  
Gross Value - \$5,560.00.

July 6, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

B. The Ohio State University Research Foundation (continued)

3. Industrial and Other Research Contracts/Grants (continued)

- e. State of Ohio, Department of Rehabilitation and Correction, Columbus, Ohio, Evaluation of Community Reintegration Centers (to be known as Project No. 3667-A1 - New - College of Administrative Science, Division of Public Administration and School of Social Work).  
Gross Value - \$5,560.00.
- f. General Electric Company, Cincinnati, Ohio, Acoustic Deflector Tests Inlet (to be known as Project No. 3673-A1 - New - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$1,200.00.
- g. American Iron and Steel Institute, New York, New York, Embrittlement in Stainless Steel (to be known as Project No. 3682-A1 - New - Department of Metallurgical Engineering).  
Gross Value - \$18,000.00.
- h. American Iron and Steel Institute, New York, New York, Composition of Passive Films (to be known as Project No. 3683-A1 - New - Department of Metallurgical Engineering).  
Gross Value - \$20,000.00.
- i. World Health Organization, Geneva, Switzerland, Acquisition and Stabilization of Baboons (to be known as Project No. 3686-A1 - New - Department of Obstetrics and Gynecology).  
Gross Value - \$7,500.00.
- j. The Ohio Program in the Humanities, Columbus, Ohio, Justice, Law, and Public Opinion: A Black Perspective (to be known as Project No. 3690-A1 - New - Department of Black Studies).  
Gross Value - \$9,001.00.
- k. Union Carbide Corporation, Tarrytown, New York, An Ecology Evaluation of Hypolimnetic Oxygenation (to be known as Project No. 3693-A1 - New - Department of Zoology).  
Gross Value - \$10,000.00.

TOTAL - Industrial and Other Research Contracts/Grants \$166,118.00

July 6, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

C. The Engineering Experiment Station

1. Government Research Project

EES 411X      Field Evaluation of Sand-Drain Construction, Ohio  
Ext. #1        Department of Transportation, Columbus, Ohio.  
Gross Value - \$38,040.00.

D. The Ohio State University Development Fund

1. Gifts of \$5,000 or More

- a. \$35,300.00 from an anonymous donor--\$25,000.00 in support of Jewish Studies and \$10,300.00 to be divided among all the University's colleges, Graduate School, and Department of Athletics.
- b. \$35,222.04 from The Associates of Medicine for the Department of Medicine General Fund.
- c. \$14,500.00 from Ohio Turfgrass Foundation for the Golf Course Superintendents Association of America Research Fund.
- d. \$14,362.08 from American Medical Association Education and Research Foundation for the College of Medicine Faculty Seminar on Medical Education.
- e. \$14,300.00 from the Trust Under the Will of Anna Roessler for the Samuel J. Roessler Memorial Fund.
- f. \$12,737.62 from the Estate of Lucille Morrissey Denney--\$6,368.82 for the Joseph V. Denney Memorial Fund and \$6,368.80 for the College of The Arts Foundation Fund.
- g. \$10,131.51 from Dr. Sidney L. Pressey for the Sidney L. and Alice Pressey Scholarship in Psychology.
- h. \$10,000.00 from an anonymous donor for the Department of Dance Workshop.
- i. \$10,000.00 from The Ohio National Bank for the University Activities Center.
- j. \$7,000.00 from Eli Lilly and Company for the Eli Lilly and Company Organic Chemistry Research Fund.
- k. \$6,250.00 from The Huntington National Bank for the University Activities Center.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund (continued)

1. Gifts of \$5,000 or More (continued)

- l. \$5,000.00 from Robert H. Fergus for the University Activities Center.
- m. \$5,000.00 from Organon, Inc., for the Renal Disease Research Fund.
- n. \$5,000.00 from Rohm and Haas Company for the Rohm and Haas Company Fund in Chemistry.
- o. \$5,000.00 from the Estate of Lester L. Roth for the College of Law Emergency Fund.

2. Establishment of Named Funds

- a. \$30,000.00 from the Trust of Willard F. Guard for the establishment of the Dr. Willard F. Guard Memorial for Veterinary Surgery.

Dr. Willard F. Guard Memorial for  
Veterinary Surgery

The Dr. Willard F. Guard Memorial for Veterinary Surgery was established July 6, 1973, by the Board of Trustees of The Ohio State University with gifts through the Development Fund by bequest from the Trust of Willard F. Guard, D. V. M. 1912, Professor Emeritus of Veterinary Surgery and Radiology, former Chairman of the Department of Veterinary Surgery and Clinics, a founder of The Equine Practitioners Association and holder of a University Centennial Award.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of the University, with the right to invest and reinvest as the occasion dictates.

The income is to be used in support of graduate study in Veterinary Surgery, and/or research projects pertaining to the field of Veterinary Surgery and related Veterinary Clinical Sciences. The income may be awarded annually, accumulated for larger or multiple awards, or assigned to the principal of this fund, at the discretion of the administrators of the fund.

This is to be a perpetual fund for the support of Veterinary Medicine to which additional gifts may be directed. The fund is to be administered by Professor Richard L. Rudy, D. V. M., in consultation with the Dean of the College of Veterinary Medicine and the Chairman of the Department of Veterinary Clinical Sciences. The Dean shall appoint a senior Professor of Veterinary Clinical Sciences, specializing in Veterinary Surgery, to succeed Dr. Rudy at such time as the latter terminates his active professorship.

July 6, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund (continued)

2. Establishment of Named Funds (continued)

- b. \$23,670.17 from gifts through The Ohio State University Development Fund for the establishment of the Business Administration Advisory Council Fund.

Business Administration Advisory Council Fund

The Business Administration Advisory Council Fund was established July 6, 1973, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund.

Annual income is to be used to support the business and corporate relations programs of the College of Administrative Science as determined by the Dean of the College.

- c. \$5,000.00 by a bequest from Kenyon S. Campbell for the establishment of the Kenyon Stafford Campbell Fund.

Kenyon Stafford Campbell Fund

The Kenyon Stafford Campbell Fund was established July 6, 1973, by a bequest from Kenyon S. Campbell, B.A. '20, J.D. '22.

The principal is to be invested in accordance with rules and regulations therefor adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

The income is to be used for the benefit of the College of Law as recommended by the Dean of said College, but limited to those activities not normally supported by legislative appropriated monies. This would not prevent, however, use of income for such items as named professorships or endowed chairs; special collection of books for the Law Library; or similar items.

In the event that the College of Law as it now exists should be altered in any reorganization of University colleges, schools and departments, the Board of Trustees or successor governing body of the University shall direct use of income for purposes within the field of Law as stipulated above, as recommended by the appropriate administrative official of the University then directly responsible for legal education at The Ohio State University.

- d. \$5,000.00 by a bequest from Kenyon S. Campbell for the establishment of the Elsie Kemery Campbell Fund.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund (continued)

2. Establishment of Named Funds (continued)

Elsie Kemery Campbell Fund

The Elsie Kemery Campbell Fund was established July 6, 1973, by a bequest from Kenyon S. Campbell, B. A. '20, J. D. '22, in honor of his wife, Elsie Kemery Campbell, B. A. '22.

The principal is to be invested in accordance with rules and regulations therefor adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

The income is to be used for the benefit of the College of Law as recommended by the Dean of said College, but limited to those activities not normally supported by legislative appropriated monies. This would not prevent, however, use of income for such items as named professorships or endowed chairs; special collection of books for the Law Library; or similar items.

In the event that the College of Law as it now exists should be altered in any reorganization of University colleges, schools and departments, the Board of Trustees or successor governing body of the University shall direct use of income for purposes within the field of Law as stipulated above, as recommended by the appropriate administrative official of the University then directly responsible for legal education at The Ohio State University.

- e. \$3,350.00 from The Allstate Foundation for the establishment of The Allstate Foundation Nursing Scholarship Program.

The Allstate Foundation Nursing Scholarship Program

The Allstate Foundation Nursing Scholarship Program was established July 6, 1973, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the Allstate Foundation.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund (continued)

2. Establishment of Named Funds (continued)

e. The Allstate Foundation Nursing Scholarship Program (continued)

The annual income and/or principal is to be used to provide one or more scholarships for undergraduate students in Nursing who have demonstrated a need for financial assistance. The selection of the recipient is to be made upon the recommendation of the University Scholarship Committee.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for scholarships.

- f. \$2,742.00 from friends, colleagues, and former students of Harald H. Nielsen for the establishment of the Harald H. Nielsen Memorial Fund.

Harald H. Nielsen Memorial Fund

The Harald H. Nielsen Memorial Fund was established July 6, 1973, by gifts to The Ohio State University Development Fund from friends, colleagues and former students, in memory of Harald H. Nielsen, a member of the Department of Physics faculty from 1930 until the time of his death on January 8, 1973. Professor Nielsen was Chairman of the Department of Physics 1946-1967 and was internationally recognized for his work in and service to the field of infrared spectroscopy.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of the University, with the right to invest and reinvest as occasion dictates.

Annual income is to be used for purposes selected by the Chairman of the Department of Physics and with the approval of the Dean of the College of Mathematics and Physical Sciences, with first consideration to be given to visiting lectureships.

- g. \$1,000.00 from members of Scarlet Mask for the establishment of the Scarlet Mask Alumni Fund.

July 6, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund (continued)

2. Establishment of Named Funds (continued)

Scarlet Mask Alumni Fund

The Scarlet Mask Alumni Fund was established July 6, 1973, by the Board of Trustees of The Ohio State University with gifts from members of Scarlet Mask to The Ohio State University Development Fund.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide a cash award to a selected student of theatre to recognize distinction or good performance. The selection of the recipient is to be made upon the recommendation of the Chairman of the Department of Theatre and the Dean of the College of The Arts.

Should the need for this award cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for theatrical training and education.

- h. \$1,000.00 from Paul H. Smucker for the establishment of The Paul H. Smucker Fund.

The Paul H. Smucker Fund

The Paul H. Smucker Fund was established July 6, 1973, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Paul H. Smucker, Orrville, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The income is to be used for the benefit of the College of Agriculture and Home Economics as recommended by the dean of that college.

Should the College of Agriculture and Home Economics cease to exist through any reorganization of the University, the income or the principal may then be used by the Board of Trustees, with preference being given to recommendations of the appropriate administrative official of the University who is then directly responsible for agricultural education.



#### IV. APPROPRIATION AND TRANSFER OF FUNDS

In accordance with a requirement of the Auditor of State all transfers made among fund groups during the fiscal year 1972-1973 are reported below:

##### A. Transfer of Earned Indirect Costs

President Enarson reported that in accordance with the policy previously adopted by the Board, earned indirect costs were transferred to Account 149999, University Treasurer General Fund.

Administrative expenses, operation and maintenance of physical plant, library expenses, use allowances, and other indirect costs on grants and contracts of National Science Foundation; U. S. Department of Health, Education, and Welfare; other Federal Agencies; State of Ohio; Corporate and other organizations for fiscal year 1972-1973.

##### National Science Foundation

310131	Physics	Riley	\$ 813.59
310143	Geology	Mayer	734.78
310144	Sociology	Schwirian	4,510.07
310145	Geology	Spieker	2,480.05
310146	Mathematics	Riner	5,020.33
310148	Education	Mayer	912.26
310153	Mathematics	Ross	9,766.97
310154	Engineering	Smith	<u>4,999.00</u>

Total National Science Foundation	<u>\$ 29,237.05</u>
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##### U. S. Department of Health, Education, and Welfare

320362	NIH	Medicine - Balcerzak	245.95
320374	NIH	Pharmacy - LaPirus	2,479.10
320375	NIH	Physics - Nelson	2,053.04
320376	NIH	Psychiatry - Gregory	2,850.90
320377	NIH	Psychiatry - Gregory	8,204.64
320378	NIH	School of Nursing - King	2,247.42
320379	NIH	School of Social Work - Medhurst	2,272.33
320380	NIH	Veterinary Pathology - Cole	9,804.37
320381	NIH	Medicine - Warren	5,400.56
320382	NIH	Medicine - Warren	3,697.88
320384	NIH	Psychology - Wickens	1,823.70
320385	NIH	Medicine - Cerilli	5,687.96
320386	NIH	Dentistry - Rosen	1,899.80
320387	NIH	Pharmacology - Hollander	1,825.12
320388	NIH	Physiology - Little	1,683.94
320390	NIH	Surgery - Zollinger	7,151.68
320391	NIH	Dentistry - Trippy	3,550.61
320392	NIH	Veterinary Physiology and Pharmacology - Hamlin	<u>1,209.96</u>

July 6, 1973 meeting, Board of Trustees

IV. APPROPRIATION AND TRANSFER OF FUNDS (continued)

A. Transfer of Earned Indirect Costs (continued)

U. S. Department of Health, Education, and Welfare (continued)

320393	NIH	Medicine - George	\$ 2,258.00
320394	NIH	Pathology - Gruemer	1,489.49
320395	NIH	School of Social Work - Medhurst	1,992.08
320396	NIH	Preventive Medicine - Ellingson	3,117.70
320397	NIH	Psychology - Meyer	1,704.05
320398	NIH	Psychology - Siegel	4,593.20
320399	NIH	Psychiatry - Coddington	2,806.84
320400	NIH	Surgery - Hunt	4,846.07
320402	NIH	Medicine - Skillman	2,769.30
320403	NIH	School of Social Work - Medhurst	827.20
320404	NIH	School of Social Work - Medhurst	1,518.48
320405	NIH	School of Nursing - Sills	6,985.18
320406	NIH	Pharmacology - Marks	4,299.88
320407	NIH	Otolaryngology - Saunders	6,073.37
320408	NIH	Entomology - Wharton	4,795.32
320409	NIH	Psychology - Brock	1,863.33
320410	NIH	Dentistry - Gaston	3,333.00
320412	NIH	Psychiatry - Marks	1,068.22
320414	NIH	Medicine - Greenberger	2,347.00
320415	NIH	Dentistry - Cavalaris	2,514.28
320417	NIH	Psychology - Meyer	1,510.78
320421	NIH	Medicine - Brown	2,036.05
320423	NIH	Medical Microbiology - Bowman	1,803.51
320426	NIH	Medicine - Warren	1,575.00
320427	NIH	Veterinary Physiology and Pharmacology - Hamlin	2,247.89
330057	SRS	Nisonger Center - Gibson	34,209.34
330110	PHS	Regional Medicine Program - Pace	284,389.37
330127	SRS	Physical Medicine - Nagi	12,177.54
330132	PHS	Dentistry - Zacherl	6,000.00
330133	PHS	School of Nursing - Hickey	3,002.70
330139	SRS	School of Social Work - Medhurst	6,472.69
330141	PHS	Preventive Medicine - Keller	6,840.17
330142	PHS	Nisonger Center - Gibson	4,788.05
330144	PHS	Surgery - Vasko	4,773.49
330145	PHS	School of Nursing - Kruse	1,406.97
330148	SRS	Nisonger Center - Bardwell	5,732.32
330149	PHS	School of Nursing - Kalafatich	3,842.22
330150	PHS	Preventive Medicine - Keller	6,486.50
330151	SRS	School of Allied Medical Professions - Woods	887.23
330152	SRS	Sociology - Nagi	593.40
330154	SRS	Speech Communication - Wilcox	707.40
330155	PHS	Nisonger Center - Chase	4,154.74

July 6, 1973 meeting, Board of Trustees

IV. APPROPRIATION AND TRANSFER OF FUNDS (continued)

A. Transfer of Earned Indirect Costs (continued)

U. S. Department of Health, Education, and Welfare (continued)

330156	PHS	School of Allied Medical Professions - Schoen	\$ 3,390.95
330158	PHS	School of Nursing - Pease	4,619.02
330159	SRS	Physical Medicine - Johnson	3,564.49
330188	PHS	Cooperative Extension - Dougan	1,261.96
330189	MCH	Nisonger Center - Cotzin	632.36
340065	OE	Center for Vocational and Technical Education - Taylor	200,000.00
340118	OE	Center for Vocational and Technical Education - Taylor	33,521.47
340119	OE	Graduate School - Yovits	73.77
340133	OE	Graduate School - Johnson	5,923.92
340134	OE	International Programs - Smallwood	100.00
340139	OE	Education - Blanke	1,480.00
340143	OE	Center for Vocational and Technical Education - McCracken	3,439.84
340149	OE	Nisonger Center - Cavin	2,147.86
340150	OE	School of Health, Physical Education, and Recreation - Ersing	2,370.27
340152	OE	Center for Vocational and Technical Education - Miller	18,833.19
340153	OE	Graduate School - Huelsman	20,024.96
340157	OE	Center for Vocational and Technical Education - Taylor	1,825.26
340167	OE	Center for Vocational and Technical Education - Magisos	1,510.57
340173	OE	Agricultural Education - Roediger	<u>7,087.76</u>

Total U. S. Department of Health, Education, and Welfare			<u>\$832,735.96</u>
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U. S. Government - Other

390006	AID	India - Education	\$ 27,481.37
390020	AID	Brazil - Agriculture	16,605.92
390034	AID	India - Agriculture	8,007.31
390035	AID	India - Agriculture	3,597.55
390052	AID	Administrative Science - Hurley	5,180.09
390075	NEH	Classics - Cleary	287.65
390077	DOT	Center for Vocational and Technical Education - Miller	3,833.42
390078	DOL	Administrative Science - Kelley	2,778.00
390082	WPCA	Graduate School - Washington	4,374.70

July 6, 1973 meeting, Board of Trustees

IV. APPROPRIATION AND TRANSFER OF FUNDS (continued)

A. Transfer of Earned Indirect Costs (continued)

U. S. Government - Other (continued)

390085	DOT	Center for Vocational and Technical Education - Miller	\$ 3,612.98
390091		Wright Patterson Graduate Center	1,847.49
390092		Peace Corps - Agriculture	918.49
390093	AID	Uganda - Agriculture	8,799.47
390101		Peace Corps - Tunisia - Agriculture	<u>1,162.56</u>

Total U. S. Government - Other			<u>\$ 88,487.00</u>
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Miscellaneous

410096		State Department of Education - Lux	\$ 1,647.75
410113		State Department of Education - Miller	2,514.80
410116		State Division of Mental Hygiene - Administrative Science	502.50
410122		Bureau of Employment Services - Administrative Science	1,568.00
522925		INCRA Fellowship - Welding Engineering	1,666.00
531095		Ford Foundation - Nelson	1,340.00
531186		Public Administrative Service - Agriculture	1,762.50
531208		Ohio Nursing Home Association - Administrative Science	7,564.30
531211		Ford Foundation - Wagstaff	<u>12,000.00</u>

Total Miscellaneous			<u>\$ 30,565.85</u>
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Grand Total			<u><u>\$981,025.86</u></u>
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B. Transfers to Plant Funds

President Enarson reported for information and the record that during the fiscal year 1972-1973, the following transfers were made from current funds to plant funds.

<u>Account Description</u>	<u>B/A</u>	<u>Transferred from B/A</u>	<u>Amount</u>
Laboratory Animal Center	801021	134620	\$ 857.55
Edward S. Drake Union	801083	149997	34,100.00
Dieter Cunz Hall of Languages	801129	149999	(305.00)
Marion Academic Facility	801141	120956	(5,375.00)
		130956	(2,312.74)

July 6, 1973 meeting, Board of Trustees

IV. APPROPRIATION AND TRANSFER OF FUNDS (continued)

B. Transfer to Plant Funds (continued)

<u>Account Description</u>	<u>B/A</u>	<u>Transferred from B/A</u>	<u>Amount</u>
Boiler Conversion	801143	149999	\$ (375.93)
Physical Education Building			
Remodeling	801161	256796	(14,603.36)
Hagerty Hall Remodeling	801171	149999	(5,652.00)
McCracken Power Plant			
Boilers	801179	149999	(1,349.89)
Cockins Hall Remodeling	801181	129060	(1,404.00)
Olentangy Freeway Relocation	801211	125064	4,044.86
Dentistry Building Addition	801222	132100	1,429.30
Ohio Stadium - Artificial Turf	801226	522740	691.00
		999000	1,584.83
Lima Parking Improvement	801242	921353	20,000.00
Lima Recreation Court	801246	149939	(72.00)
Arps Ramp Sealing	801250	921300	(1,608.10)
Telecommunications -			
Equipment	801254	149997	90,000.00
Ohio Stadium - Lighting	801256	999000	42,000.00
Neil Hall Improvement	801258	920600	600,000.00
Land Purchases	801262	149996	161,250.00
		149997	54,000.00
Clinical Medical Sciences			
Educational Facility	801266	960200	159,328.50
Marion Academic Facility			
Remodeling	801268	149969	34,529.00
McCracken Power Plant -			
Fuel Storage	801270	149997	130,000.00
Campus Lights	801271	921300	27,000.00
Hitchcock Hall Air			
Conditioning	801273	124220	39,932.00
Fawcett Center for Tomorrow	801274	149997	17,778.41
Bicycle Paths	801275	149997	21,186.00
Derby Hall Remodeling	801276	149996	39,904.00
Food Facility - Water Line	801277	149997	19,086.06
Dodd Hall - Parking Lot	801280	921300	68,735.00
Polo Field - Parking Lot	801281	921300	48,179.00
Hamilton Hall Air Conditioning	801283	149997	32,229.00
Comparative Medical Teaching			
and Research Facility	801290	122905	1,200.00
		132900	5,000.00
		149997	397,993.25
		159375	4,250.00
		531041	179,024.05

July 6, 1973 meeting, Board of Trustees

IV. APPROPRIATION AND TRANSFER OF FUNDS (continued)

B. Transfer to Plant Funds (continued)

<u>Account Description</u>	<u>B/A</u>	<u>Transferred from B/A</u>	<u>Amount</u>
Sisson Hall Air Conditioning	801291	330115	\$ 169,607.00
Parking Lots - West 10th and West 11th	801292	921300	17,310.00
Goss Laboratory Cancer Facility	801293	125908 531041	5,758.97 21,741.03
President's Residence	801294	292842	140,000.00
University Activities Center	801295	522851	200,000.00
University Hospital Capital Reserve	809998	960200	<u>1,540,000.00</u>
Total			<u>\$4,296,670.79</u>
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V. PLANS AND SPECIFICATIONS

At the request of the Acting Vice President for Administrative Operations, the President recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

A. McPherson Laboratory--Repair and Replacement  
of Roof and Deck

This project will repair and replace the roof and roof deck on the sawtooth portion of McPherson Laboratory. This work is necessary due to deterioration.

Funds are budgeted in Budget Account 125064 (Contract Repair).

B. Newark Campus--New Parking Facility

This project will provide 400 additional parking spaces. The work also includes embankment construction, installation of a storm sewer, lighting, landscaping, and related improvements.

Funds are budgeted in Budget Account 801285 (Newark Campus--Parking Facility).

V. PLANS AND SPECIFICATIONS (continued)

C. University Hospital--Equipment Room Ventilation

This project will reduce the equipment room temperature during summer months which will minimize service interruptions and increase equipment life. Equipment located in this area includes air conditioning apparatus and elevator machinery.

Funds are budgeted in Budget Account 801282 (University Hospital Ventilation).

Upon motion of Mr. Safford, seconded by Mr. Harrod, the above recommendations were approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Acting Vice President Zimmerman was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

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VI. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and the contracts were recommended for award. The action reported to the Board was as follows:

A. Dodd Hall--South Parking Lot Renovation

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(6 bids received 5-25-73)		
Floyd H. Baker Corporation (Columbus)	\$31,810.00	\$52,225.00
<u>Electrical Contract</u>		
(4 bids received 6-14-73 - Rebid)		
Gustav Hirsch Organization (Columbus)	<u>6,838.00</u>	<u>12,200.00</u>
<u>Total All Contracts</u>	<u>\$38,648.00</u>	<u>\$64,425.00</u>

Funds for this project have been provided from Budget Account 801280 (Parking Lot--Dodd Hall).

July 6, 1973 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

B. Mansfield Campus--Repair and Resurface Parking Facilities

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (1 bid received 6-19-73 - Rebid)		
Mansfield Asphalt Paving Company (Mansfield, Ohio)	\$27,988.40	\$28,500.00

Funds for this project have been provided from Budget Account 120942 (Mansfield Fund).

Upon motion of Mr. Safford, seconded by Mrs. James, the above award of contracts and expenditure of funds were approved and the action of the Acting Vice President for Administrative Operations was ratified by unanimous roll call vote.

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VII. REPORT OF CONTROLLING BOARD ACTIONS PERTAINING TO THE OHIO STATE UNIVERSITY

- 22 Approves the release of \$166,500 from HB 988, Item 315-074 (Utilities and Renovations) for the award of contracts on the project known as "Sisson Hall--Air Conditioning and Electrical Renovation."
- 23 Approves the release of \$98,453 from HB 988, Item 315-074 (Utilities and Renovations) for the purchase of equipment necessary for the project known as "Substation C - Underground Cables and Equipment."

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VIII. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS

A. University Airport, Ground Control Landing Approach System

The Federal Aviation Administration has requested to lease 3.25 acres of land at the University Airport to install a MALSR (ground approach lighting system) along the center line of Runway 9R from a point 200 feet west of the runway west end to a point 2,400 feet west of the runway west end. This will improve aircraft safety for all users of the University Airport. The University will agree to this lease with the understanding that the Federal Aviation Administration will assume full cost of this installation.

It was recommended that the President and/or Acting Vice President for Administrative Operations be authorized to request that the Director of Public Works, pursuant to his statutory duties, act on behalf of the University in developing the necessary legal instruments to provide this lease.



VIII. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS (continued)

B. Easement - Lima Campus - Trans-Ohio Pipeline Company

The Trans-Ohio Pipeline Company has requested a pipeline easement on State of Ohio lands that have been designated for the use of The Ohio State University, Lima Campus. Payment for this easement is \$3,375. This easement will be granted for a period of, not to exceed 15 years, subject to renewal. This is in accordance with the standard operating procedure, State of Ohio, Department of Public Works.

It was recommended that the President and/or Acting Vice President for Administrative Operations be authorized to request that the Director of Public Works, pursuant to his statutory duties, act on behalf of the University in developing the necessary legal instruments to provide for the pipeline easement.

C. Aircraft, Hangar Keepers and Student Flight Insurance

Coverage under the existing contracts is expiring. Competitive bids were solicited and received June 4, 1973, to extend the above coverage. In each case alternative specifications were invited, with the University reserving the right to select the alternatives which, in its judgment, provided the best coverage commensurate with the cost involved. An analysis revealed that the Ohio Casualty Insurance Company, John B. Koch, Agent, submitted the lowest and best proposal with a bid of \$69,524.72 for a three-year period.

It was recommended that the President and/or Acting Vice President for Administrative Operations be authorized to award the Ohio Casualty Insurance Company the contracts covering aircraft, hangar keepers and student flight insurance, effective on the expiration of the present contracts.

D. Building, Contents, Boiler, Machinery and Auto Insurance

Coverage under the existing contracts is expiring. Competitive bids were solicited and received June 4, 1973, to extend the above coverage. In each case alternative specifications were invited, with the University reserving the right to select the alternatives which, in its judgment, provided the best coverage commensurate with the cost involved. An analysis revealed that the Buckeye Union Insurance Company, with Atkinson-Dauksch Agencies, Inc., and John H. Gardiner Agency as servicing agencies submitted the lowest and best proposal with a bid of \$104,299 for a three-year period.

It was recommended that the President and/or Acting Vice President for Administrative Operations be authorized to award the Buckeye Union Insurance Company the contracts covering building, contents, boiler, machinery and auto insurance, effective on the expiration of the present contracts.

Upon motion of Mr. Safford, seconded by Mr. Gushman, the above recommendations were approved by unanimous roll call vote.

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July 6, 1973 meeting, Board of Trustees

## IX. REPORTS

### A. Report from the Retirement and Insurance Committee

#### 1. Tax Deferred Annuity Proposal

Mr. Gushman, Chairman of the Retirement and Insurance Committee, presented on behalf of the Committee the following recommendation:

In accordance with Section 403 (b) of the United States Internal Revenue Code, Public Law 87-370, and Section 9.90 of the Ohio Revised Code it is recommended that a Tax Deferred Annuity program be made available to all eligible employees of The Ohio State University.

It is further recommended that four companies, selected on the basis of specific bid proposals, be authorized to enroll and service this Tax Deferred Annuity program in accordance with each company's bid proposal and in full compliance with the rules and regulations of this University.

Teachers Insurance and Annuity Association and College  
Retirement Equities Fund  
Variable Annuity Life Insurance Company  
Prudential Life Insurance Company of America  
Aetna Variable Annuity Life Insurance Company

It is further recommended that the Acting Vice President for Administrative Operations be authorized to enter into an agreement in support of the University's Tax Deferred Annuity program with each of the above companies with the understanding that each such agreement be reviewed on a periodic basis to determine its suitability, but in no case should the period of review exceed three years.

Finally, it is recommended that the Acting Vice President for Administrative Operations be charged with the responsibility for the development of the necessary administrative procedures in support of this program.

Upon motion of Mr. Gushman, seconded by Mr. Safford, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

Mr. Devenow proposed that Paragraph 3 in this recommendation include the following condition:

" . . . above companies including the condition that any such agreements are within the Phase IV guidelines of the Wage-Price Board and . . . "

Mr. Gushman and Mr. Safford accepted the addition to the recommendation.

Mr. Hilliker commended and thanked Mr. Gushman, Mrs. James, and Dr. Sirak for the outstanding job they have done on this Committee and cited this Committee as an example of how a Committee can work to the betterment of this University.

IX. REPORTS (continued)

B. Report on the University's Investment Portfolio

The report dated July 6, 1973, as submitted to the Finance and Investment Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

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X. COMMITTEE APPOINTMENTS

Mr. Hilliker made the following statement preceding the appointment of the committees for 1973-74:

At this time, it is my desire to make the new committee appointments which will be in effect, beginning today until May of 1974. I alluded to these committees at the last meeting. I don't think that it is necessary that I repeat again the charges that were made to these committees but I would like to say that this committee structure which I am proposing is one which is used widely, not in all universities, but in many. It is also used widely in business. We are within a very, very complex city--a city within a city--a university with some \$288,000,000.00 worth of budget. The development of this committee structure is an attempt, at least a step, to bring this Board and the various segments of this University closer together. I am talking about students. I am talking about faculty. I am talking about the administration. I am talking about everybody connected with The Ohio State University.

I want to repeat what I said at the last meeting and I want to be sure that it is understood that these committees have absolutely no power. They have no vote as a committee. They are formed to help advise the President. They are formed hopefully to provide more input from the various segments of this University. The Chairman of each committee has the charge of calling a meeting of his committee at any time, any place. He may invite anyone and hopefully thus will reach out and include students and faculty as the various issues are considered. The Chairmen then will bring recommendations to this Board in a public meeting and this Board will hear, accept, reject, or modify such recommendations.

In appointing these committees, I want to re-emphasize that statement. I want to be honest with you. It is an increased work load for each of you but if this Board is to fulfill its statutory responsibility, we have got to be prepared to work a little harder. This committee structure is based upon what I consider to be a very favorable experience during the tenure of Mr. Shocknessy as Chairman in which he saw fit to reactivate the Insurance Committee.

July 6, 1973 meeting, Board of Trustees

X. COMMITTEE APPOINTMENTS (continued)

Mr. Hilliker's statement (continued)

I have already alluded to the fine job that Committee has done. He also created the OARDC Agenda Review Committee of which I was a member and which was chaired by Mr. Dunlap and I know, that this Committee was very effective in resolving some problems and misunderstandings between this Board and the administration at Wooster. So, these committees should assist this Board hopefully in furthering its work.

It might appear to some that the Board is delegating and fragmenting its responsibility through this approach. This simply is not the case. It is not true. These are resource committees. They are not delegated any authority to act on behalf of the Board thus the authority of this Board is not pre-empted or diluted in any way. But hopefully it is re-enforced with a comprehensive committee review structure. I asked the Secretary to mail all members of the Board a memorandum soliciting their interests in service on these committees. As you well know, you all can't serve on the same committee and thus there were preferences which I was not able to honor.

The committee membership will be as follows:

Committee Appointments - 1973-74

Finance Committee

William C. Safford, Chairman  
M. Merle Harrod, Vice Chairman  
John H. Dunlap  
Howard D. Sirak

Educational Affairs Committee

John L. Gushman, Chairman  
John H. Dunlap, Vice Chairman  
Patricia D. James  
Howard D. Sirak

Insurance Committee

Chester Devenow, Chairman  
Patricia D. James, Vice Chairman  
Howard D. Sirak

Buildings and Grounds Committee

M. Merle Harrod, Chairman  
Chester Devenow, Vice Chairman  
John L. Gushman

July 6, 1973 meeting, Board of Trustees

X. COMMITTEE APPOINTMENTS (continued)

Committee Appointments - 1973-1974 (continued)

OARDC Agenda Review Committee

John H. Dunlap, Chairman  
Gene R. Abercrombie, Vice Chairman  
William C. Safford

Research Foundation Board of Directors  
(Three-year term, July 1, 1973 - June 30, 1976)

John H. Dunlap

Development Fund Board of Directors  
(One-year term)

Patricia D. James  
Chester Devenow

Upon motion of Mr. Safford, seconded by Mrs. James, the Board of Trustees approved the above nominations for committees for 1973-1974 by unanimous voice vote.

Mr. Shocknessy then made the following statement:

So there won't be any misunderstanding by the people here attending this Board meeting, I advised the Chairman of the Board that I chose not to serve as Chairman of one of the committees. The Chairman asked me to serve as Chairman of the Educational Affairs Committee of which he has now appointed Mr. Gushman, Chairman. I chose, for reasons satisfactory to me and I hope to the Chairman, not to accept the Chairmanship of that committee and I also advised him that during this last year of my term I would choose to serve as a member-at-large to contribute anything to the University from the experience that I have had with the University over the years rather than to be confined to the Chairmanship responsibility or to membership on any specific committee. So, if that's agreeable with you, Mr. Chairman, I'd be glad to be invited by anybody who thinks I could offer anything.

Mr. Hilliker then said

Well, I would be less than honest, Jim, if I didn't say that I was disappointed when you saw fit not to serve on the Educational Affairs Committee. However, I see your point and I will respect your wishes in this regard.

Mr. Shocknessy said "I'm glad you amplified your understanding and interpretation of the charges because I wasn't altogether agreed with the specification that you gave last time but the amplification, I think, is helpful."

July 6, 1973 meeting, Board of Trustees

X. COMMITTEE APPOINTMENTS (continued)

Mr. Hilliker responded

Well, I believe, if you will go back to the minutes of the last meeting, you will find that I tried to make it very clear that these were review committees only and in no way were to have any power, any vote, nor could they take any action on behalf of this Board.

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XI. CHANCELLOR OF BOARD OF REGENTS

A resolution was offered by Mr. Shocknessy, seconded by Mr. Safford, offering the Board's congratulations and best wishes and cooperation to the new Chancellor of the Board of Regents, Dr. James A. Norton, who assumed office July 1.

The above resolution was approved by unanimous vote.

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XII. REPORT ON INVITATIONS

Mr. Hilliker reported that the Board had received two invitations:

- (1) an invitation by Mr. Mount to conduct the April 1974 meeting at the Lima Campus
- (2) an invitation by Director Kottman to conduct the October meeting in Wooster or in Columbus as was done in the past. At this time, the Board will be provided with a brief review of the research programs being conducted in Wooster.

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XIII. REPORT ON WOSU

President Enarson made the following report:

If I may just have one minute, I would like to report to a waiting world in Central Ohio that the "Friends of WOSU" have contributed \$20,000 which has been extremely helpful; and as of several days ago, I instructed our folks to make a partial restoration of the services. They tell me it can be done, effective August 1. Television programming will be resumed on Sundays from 7:00 p.m. to 11:00 p.m., and AM-FM split programming will resume Monday through Friday, 7:00 a.m. to 11:30 a.m. This restoration of services is based, of course, on the honoring of pledges of those who joined the "Friends of WOSU" and I hope that now the letters will subside.

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July 6, 1973 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, September 7, 1973, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

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Edward Q. Moulton  
Secretary

---

Don M. Hilliker  
Chairman

Page 50 Blank



APPENDIX I

Degrees Conferred at  
THE OHIO STATE UNIVERSITY  
COMMENCEMENT CONVOCATION

August 31, 1973

Page 52 Blank

## **Distinguished Service Awards**

### **Harold P. Fawcett**

An illustrious teacher and author, Harold Fawcett is nationally known as an innovator in mathematical reasoning and understanding, and was instrumental in the development of the revolutionary "new" mathematics concept. His encouragement of many Ohio State University students to attain distinctions of their own, and his leadership of the Department of Education and the University Planning Committee demonstrate his professional acumen. The Ohio State University recognizes his dedication by conferring upon Harold P. Fawcett the Distinguished Service Award.

### **Alfred B. Garrett**

A noted scientist and educator, the fresh thinking and enthusiasm which Alfred Garrett has demonstrated by his accomplishments as an author, teacher, and researcher, have marked him as a significant leader in the academic community. His effective guidance as Vice President for Research at the Ohio State University came at an important time in the development of increased quality programs and expanded opportunities for the University. The Ohio State University recognizes his dedication by conferring upon Alfred B. Garrett the Distinguished Service Award.

### **John H. Herrick**

The adept planning and keen perception of John Herrick have been effectual in The Ohio State University's continued broadening of facilities to serve higher education. Developing a carefully delineated blueprint for progress, he has applied perspective and thoroughness to designing the campus for tomorrow, achieving a balance between form and function. The Ohio State University recognizes his dedication by conferring upon John H. Herrick the Distinguished Service Award.

### **Frederick Stecker**

A civic and collegiate leader, Frederick Stecker has left an indelibly beneficial mark on The Ohio State University and the community at large. As Director of the Ohio Union and Executive Director of University Relations, his personal interactions with students and citizens have distinguished him as a man deeply involved in human progress. The Ohio State University recognizes his dedication by conferring upon Frederick Stecker the Distinguished Service Award.

## Graduate School

Dean: Arliss L. Roaden

### Doctor of Arts

One candidate

David Terry Paul, Dayton  
B.B.A., M.B.A. (University of Cincinnati); M.A.  
*Dissertation*: A Primer in Economics Professional Project  
*Field of Specialization*: Economics

### Doctor of Philosophy

Two hundred and sixty-two

Michael Fred Adams, Nashville, Tenn.  
B.A. (David Lipscomb College); M.A.  
*Dissertation*: A Critical Analysis of the Rhetorical Strategies of Senator Howard H. Baker, Jr. in his 1972 Campaign for Re-Election  
*Field of Specialization*: Speech Communication

Sabah Naji Al-Abbassy, Abu-Ghuraib, Iraq  
B.V.M. (University of Baghdad); M.S.  
*Dissertation*: Development of Trypanosoma cruzi in Cell Cultures, with Studies on the Nature of the Surface Charge and the Fine Structure of the Trypomastigote and Epimastigote Forms  
*Field of Specialization*: Microbiology

Thomas Harrell Allen, Palestine, Tex.  
B. J. (University of Texas); M.S. (West Virginia University)  
*Dissertation*: An Examination of the Communicative Interaction between the United States and the People's Republic of China from January 1969 to February 1972.  
*Field of Specialization*: Speech Communication

Mohamed Sami Anwar, Cairo, Egypt  
B.A. (Ein Shams University); M.A. (American University); M.A.  
*Dissertation*: The Grammatical Theory of Contrastive Analysis: A New Approach  
*Field of Specialization*: Education

Eugene Arthur Armour, Granger, Ind.  
B.S. (Purdue University)  
*Dissertation*: The Synthesis and Chemistry of 1,4-Bridged Bicyclo [2.1.0] Pentanes  
*Field of Specialization*: Chemistry

Kenneth Allen Bachmann, Columbus  
B.S. Phar.  
*Dissertation*: Phenylbutazone and Warfarin: Aspects of Their Interaction in the Dog  
*Field of Specialization*: Pharmacy

Richard Warman Bailey, Gambier  
B.S.  
*Dissertation*: The Use of a Pseudo Random Binary Reactivity Input and the Resulting Gamma Ray Fluctuations to Determine the Transfer Function of a Nuclear Reactor  
*Field of Specialization*: Nuclear Engineering

Dale LeRoy Baker, Columbus  
A.B. (West Liberty State College); M.A.  
*Dissertation*: A Study of Self-Evaluation of Elementary Education: A Consensus Approach  
*Field of Specialization*: Education

Ruth E. Bamberger, Columbus  
B.S. Ed. (Nazareth College); M.A.  
*Dissertation*: Determinants of Policy Orientations and Likemindedness of Local Party Elites: The Case of Franklin County, Ohio  
*Field of Specialization*: Political Science

John William Bardo, Cincinnati  
B.A. (University of Cincinnati); M.A. (Ohio University)  
*Dissertation*: An Empirical Analysis of an Application of Lewis Mumford's Theories of Community Planning  
*Field of Specialization*: Sociology

Robert William Batchellor, Glenside, Pa.  
B.S. (Saint Francis College, Pennsylvania); M.S.  
*Dissertation*: The Development of the General Chemistry Program at The Ohio State University  
*Field of Specialization*: Education

Mohinder Singh Bathala, Karnal, India  
B. Pharm., M. Pharm. (Punjab University)  
*Dissertation*: Part I Determination of the Absolute Configuration of B-Arylethanolamines and Related Substances Using CD Measurements of Cupra A Solutions  
Part II Investigation of the Antimicrobial Agents from Ptelea trifoliata L.  
*Field of Specialization*: Pharmacy

Ronald Roy Bellamy, Fanwood, N. J.  
B.S. in Chem. E. (Lehigh University); M.S.  
*Dissertation*: The Adsorption of Elemental Iodine and Methyl Iodine on Activated Charcoal from Flowing Air Streams at Low Inlet Concentrations  
*Field of Specialization*: Nuclear Engineering

Martin Beller, Huntington Station, N. Y.  
B.A. (C.W. Post College, Long Island University); M.A.  
*Dissertation*: Shakespeare's Editors, 1709-1857  
*Field of Specialization*: English

Richard Allen Bieberich, Preble, Ind.  
B.S. (Ball State University); M.S.  
*Dissertation*: Bounded Functions with No Spectral Gaps  
*Field of Specialization*: Mathematics

Juan David Blejer, Mexico, D.F., Mexico  
Lic. (Universidad Nacional Autonoma de Mexico); M.A. (University of California, Santa Barbara)  
*Dissertation*: Objective and Subjective Measures of Leisure: An Argentinian Sample  
*Field of Specialization*: Sociology

Edward William Bohlander, Jr., Cincinnati  
B.S.Ed.; M.A. (Ball State University)  
*Dissertation*: Shock Probation: The Use and Effectiveness of and Early Release Program as a Sentencing Alternative  
*Field of Specialization*: Sociology

James Christopher Boison, Kettering  
B.M.E., M.M.E. (Syracuse University)  
*Dissertation*: Investigation of Test Facility Environmental Factors Affecting Shock Tube Sidewall Boundary Layer Transition  
*Field of Specialization*: Aeronautical and Astronautical Engineering

Charles Hathaway Bowers, Oxford  
B.S. (United States Naval Academy); M.S.  
*Dissertation*: Transient Analysis of Heat Pipes with  
Applications to Selected Experiments and a Conceptual  
Reactor Design  
*Field of Specialization*: Nuclear Engineering

Rennie William Brantz, Crete, Neb.  
B.A. (Doane College); M.A.  
*Dissertation*: Anton Erkelenz, The Hirsch-Duncker Trade  
Unions, and the German Democratic Party  
*Field of Specialization*: History

Jacqueline Conner Bresnahan, Akron  
B.A. (Kent State University); M.A.  
*Dissertation*: Synergies and Reciprocities in the Behavioral  
Effects of Combinatorial Ablations of the Septal and  
Amygdalar Components of the Limbic System of the Rat  
*Field of Specialization*: Psychology

Larry Davis Browning, Chickasha, Okla.  
B.S.Ed., M.A. (University of Oklahoma)  
*Dissertation*: Developing a Grounded Communication  
Theory: An Approach to Interpersonal Behavior in an  
Organization  
*Field of Specialization*: Speech Communication

Roy Andrew Buckingham, Aransas Pass, Tex.  
B.S., M.Ed. (Texas Agricultural and Mechanical  
University)  
*Dissertation*: An Identification and Evaluation of Selected  
Praxiological Inputs for the Preparation of Construction  
Technology Teachers in Industrial Arts Education  
*Field of Specialization*: Education

David Leroy Buettner, East Alton, Ill.  
B.S. (Southern Illinois University); M.Ed. (University of  
Illinois)  
*Dissertation*: Priorities for the Further Development of  
Career Education  
*Field of Specialization*: Education

Charles Gregory Buntz, Iowa City, Ia.  
B.B.A., M.A. (University of Iowa); M.A.  
*Dissertation*: The Columbus Ohio Manpower Service  
Matrix: An Evaluation  
*Field of Specialization*: Public Administration

Suzanne Shute Burkholder, Eaton  
B.S.Ed., M.A.  
*Dissertation*: The Process of Experiencing as Reported by  
Students Participating in a Field Based Education  
Program  
*Field of Specialization*: Education

Robert Sheets Bussom, Shelby  
B.S.Bus.Ad., M.B.A.  
*Dissertation*: Cybernetic Modeling in Health: An  
Application to Head Nurse Behavior  
*Field of Specialization*: Business Administration

David Medford Butler, Trotwood  
B.S.Ed., M.A.  
*Dissertation*: An Historical Investigation and Bibliography  
of Nineteenth Century Music Psychology Literature  
*Field of Specialization*: Music

Jimmie Louis Cal, Huntsville, Ala.  
B.S. (Alabama State College); M.Ed. (Tuskegee  
Institute)  
*Dissertation*: The Effects of Interval Bench Stepping on  
the Metabolic Energy Mechanisms  
*Field of Specialization*: Physical Education

Richard Kendall Childers, Catlin, Ill.  
B.S. (University of Illinois); M.S.  
*Dissertation*: Fine Structure in the Thermal Resistance  
of Helium II  
*Field of Specialization*: Physics

William James Clark, Berea  
B.A. (Baldwin-Wallace College); M.A. (Western Reserve  
University)  
*Dissertation*: Development and Validation of a Basketball  
Potential Skill Test  
*Field of Specialization*: Physical Education

Frederick Marsh Coggin, Salisbury, N. C.  
A.B. (Catawba College); M.F.A. (University of Georgia)  
*Dissertation*: The Pantomimes of Augustus Harris: Drury  
Lane 1879-1895  
*Field of Specialization*: Theatre

Philip Leonard Cooley, Flint, Mich.  
B.M.E. (General Motors Institute); M.B.A. (University of  
Hawaii)  
*Dissertation*: Return Distributions: A Multidimensional  
Analysis of Institutional Investor Perception and  
Preference  
*Field of Specialization*: Business Administration

Lawrence Allen Coon, Rochester, N. Y.  
A.B. (University of Rochester); M.A. (Oakland  
University)  
*Dissertation*: Long Term Effects of Acceleration on  
Undergraduate Calculus Students in the Crimel Program  
at The Ohio State University  
*Field of Specialization*: Education

Lonnie Gene Cordell, Wheeling, Ill.  
A.B. (Upper Iowa University); M.Ed. (University of  
Illinois)  
*Dissertation*: The Effect of Structured Group Counseling  
on the Self-Concept, Attendance, and Achievement of  
Absentee-Prone High School Students  
*Field of Specialization*: Education

Richard Ellsworth Crable, Delaware  
B.A. (Bowling Green State University); M.A.  
*Dissertation*: Rhetoric as Architectonic: Burke, Perelman,  
and Toulmin on Valuing and Knowing  
*Field of Specialization*: Speech Communication

Glenn Douglas Crater, Dobson, N. C.  
B.S., M.Ed. (North Carolina State University at Raleigh)  
*Dissertation*: The Effect of Different Forms of Nitrogen  
on Growth, Nitrogen Content, Stem Strength, and Keeping  
Quality of the Standard Chrysanthemum (Chrysanthemum  
morifolium, Ramat) 'Giant #4 Indianapolis White'  
*Field of Specialization*: Horticulture

Duane Boyd Crum, Chicago, Ill.  
B.S. (University of Illinois); M.S.  
*Dissertation*: Properties of the Surface and Superfluid  
Film of Dilute <sup>3</sup>He-<sup>4</sup>He Mixtures at Low Temperatures  
*Field of Specialization*: Physics

- James Eugene Cummins, Pioneer  
B.S.Agr., M.S.  
*Dissertation*: A Follow-up of Technical Agricultural Graduates and Dropouts in Ohio  
*Field of Specialization*: Agricultural Education
- Deborah Davis, Houston, Tex.  
B.A. (University of Texas)  
*Dissertation*: Physical Pleasuring in the Human Dyad: Effects of Sex Combinations and the Attractiveness and Responsiveness of the Recipient  
*Field of Specialization*: Psychology
- Robert Hess Denlinger, Columbus  
D.V.M. (University of Pennsylvania)  
*Dissertation*: Experimental Studies on Nervous System Tumors Induced by Resorptive Nitrosoureas  
*Field of Specialization*: Veterinary Pathobiology
- Douglas Leon Denton, Davenport, Ia.  
B.S. Chem. (Iowa State University); M.S.  
*Dissertation*: The Preparation and Nuclear Magnetic Resonance Studies of Magnesium, Zinc and Cadmium Derivatives of Hexaborane(10) and Nonahydrohexaboratobis(cyclopentadienyl)titanium (III)  
*Field of Specialization*: Chemistry
- Louis Michael DeSantis, Columbus  
B.S.Pharm.  
*Dissertation*: Stereoselectivity of the Adrenergic Receptor Mediating Fat Cell Lipolysis and Cyclic AMP Level  
*Field of Specialization*: Pharmacy
- Stephen Roy Dillon, Columbus  
B.E.E., M.S.  
*Dissertation*: Computer Assisted Equation Generation in Linkage Dynamics  
*Field of Specialization*: Electrical Engineering
- Gerald Richard Doan, Marion  
B.M. (Ohio Wesleyan University); M.A.  
*Dissertation*: An Investigation of the Relationships Between Parental Involvement and the Performance Ability of Violin Students  
*Field of Specialization*: Music
- James Alfred Drake, Columbus  
B.A. (College of Saint Mary of the Springs)  
*Dissertation*: Argument Analysis and Practical Reasoning in the Context of Educational Theory and Practice  
*Field of Specialization*: Education
- Sahibsingh Amulsingh Dudani, Bombay, India  
B.Tech. (Indian Institute of Technology, India); M.S.  
*Dissertation*: An Experimental Study of Moment Methods for Automatic Identification of Three-Dimensional Objects from Television Images  
*Field of Specialization*: Electrical Engineering
- James Rudolf Eckardt, Prospect Heights, Ill.  
B.S. (University of Illinois); M.S. (Cornell University)  
*Dissertation*: The Surface Tension of  $^4\text{He}$  from 0.3K to  $T_{\lambda}$   
*Field of Specialization*: Physics
- Denzil Edge, Lexington, Ky.  
B.S. (Brescia College); M.A. (Georgetown College)  
*Dissertation*: Ohio's Instructional Resource Center Network: A Needs Assessment  
*Field of Specialization*: Education
- Donald Ray Edmonds, Roselle, N. J.  
A.B., B.S. (Rutgers-The State University); M.S.  
*Dissertation*: Sequential Detection and Control in a Decision Adaptive Estimation System  
*Field of Specialization*: Industrial Engineering
- Glenn Leroy Ehlers, Bristol, Tenn.  
B.S., M.A. (East Tennessee State University)  
*Dissertation*: Professional Growth Activities and Needs of Practicing Ohio Industrial Arts Teachers  
*Field of Specialization*: Education
- David Engleman, Cleveland  
B.A., B.S.Ed., M.Ed. (Kent State University)  
*Dissertation*: Comparative Study of Adaptive Behavior of Ohio Educable Mentally Retarded and Normal Children  
*Field of Specialization*: Education
- Linda Jean Enloe, Decatur, Ga.  
A.B. (University of Georgia); M.A.  
*Dissertation*: Mediation of Septal-Amygdaloid Social Reciprocity by Some Midbrain and Diencephalic Structures  
*Field of Specialization*: Psychology
- Carol Dawn Erdman, Quinnesec, Mich.  
B.Mus. (University of Michigan)  
*Dissertation*: The Effects of Didactic Modeling and Laboratory Training on the Display of Counselor Expertness  
*Field of Specialization*: Psychology
- Brian William Fahey, Seattle, Wash.  
B.A., M.S. (University of Washington)  
*Dissertation*: Women and Sport: An Existential Analysis  
*Field of Specialization*: Physical Education
- Jack Moreland Ferrier, Bay Village  
B.S., M.S.  
*Dissertation*: Junction Theories of Photoelectric Effects at Dye-Semiconductor Interfaces  
*Field of Specialization*: Physics
- Patricia Nancy Feulner, Columbus  
B.A. (Fordham University); M.A.  
*Dissertation*: Women in the Professions: A Social-Psychological Study  
*Field of Specialization*: Sociology
- Joyce Robinson Filippi, Belpre  
B.S., M.S. (Ohio University)  
*Dissertation*: Thermal Characterization of Poliovirus Type 1 in Ground Beef Containing Three Levels of Fat  
*Field of Specialization*: Microbiology
- Francis Joseph Fishburne, Jr., Sullivan's Island, S. C.  
B.S. (United States Military Academy); M.A.  
*Dissertation*: The Concurrent Validity of Two Measures Operationalizing Holland's Theory Using a Sample of Non-Professional Workers  
*Field of Specialization*: Psychology
- Mary Donaldson Flowers, Columbus  
B.A. (College of Wooster); M.A.  
*Dissertation*: Sentence Structure and Characterization in the Tragedies of Jean Racine: A Computer-Assisted Study  
*Field of Specialization*: Education

Charles David Foust, Akron  
B.S.Ed., M.A.

*Dissertation:* The Relationship Between Understanding  
Prepositions and Reading Comprehension  
*Field of Specialization:* Education

Herman Franklin, Tuskegee Institute, Ala.  
B.S. (Kentucky State College); M.S. (Tuskegee Institute)  
*Dissertation:* An Evaluation of Minority Students  
Supportive Services Program at The Ohio State  
University  
*Field of Specialization:* Education

Rex Maxwell Fuller, Grove City  
B.S.Ed., M.A.  
*Dissertation:* Creative Dramatics: Instructional  
Methodologies for the Elementary Curriculum  
*Field of Specialization:* Education

Nathaniel Norward Fullwood, Raleigh, N. C.  
B.A. (Shaw University); M.A.  
*Dissertation:* An Analysis of Perceived and Stated  
Objections of the Black Studies Department of The Ohio  
State University  
*Field of Specialization:* Education

Gregg Michael Furth, Lakewood  
B.S.Ed., M.A.  
*Dissertation:* Impromptu Paintings by Terminally Ill,  
Hospitalized and Healthy Children: What can We Learn  
From Them?  
*Field of Specialization:* Education

Alfred Lee Gage, Lawton, Okla.  
B.A. (Lewis and Clark College); M.A. (University of  
Oregon)  
*Dissertation:* A Study of the Role-Analysis and  
Interrelationship of Guidance Counselors and Foreign  
Language Teachers in Selected Schools  
*Field of Specialization:* Education

Frances Harriett Gailey, Adams, N. Y.  
B.S. (Syracuse University); M.S. (Cornell University)  
*Dissertation:* An Analysis of Development/Use Time for  
a Computer Assisted Instruction Unit on Basic Household  
Electricity  
*Field of Specialization:* Home Economics

Jane Benner Gammel, Columbus  
B.S. (University of Delaware); M.A. (Murray State  
College)  
*Dissertation:* A Study of the Effects of Levels of  
Self-Actualization on Communication in Small Structured  
Experiential Groups  
*Field of Specialization:* Education

Norman Lawrence Gearhart, Jr., Youngstown  
B.S. (Youngstown State University); M.S.  
*Dissertation:* Nuclear Spectroscopy Via the  $(p, p'\gamma)$   
Reaction  
*Field of Specialization:* Physics

Richard Merritt Gibson, Toledo  
B.A. (University of Toledo); M.A. (Indiana University)  
*Dissertation:* John Rogers: Religion and Politics in the  
Life of a Puritan Saint  
*Field of Specialization:* History

Wilma Beavers Gillespie, Vincent  
B.S. in Ed. (University of Pennsylvania); M. Ed. (Ohio  
University)  
*Dissertation:* Search Strategies Used for Educational  
Decision Making by Vocational Teachers  
*Field of Specialization:* Education

Terrence L. Glass, Xenia  
B.A. (Central State University); M.A.  
*Dissertation:* Myths, Dreams and Reality: Cycles of  
Experience in the Novels of John Hawkes  
*Field of Specialization:* English

Arthur Eric Gooding, Ashland  
B.B.A. (Ohio University); M.B.A. (Arizona State  
University)  
*Dissertation:* Investors' Evaluations of Common Stocks:  
Perceptions and Information Processed  
*Field of Specialization:* Business Administration

Malloy Chester Gould, Columbus  
B.S.Ed., M.A. (University of Texas)  
*Dissertation:* Integrated Curricula Alternatives and  
Instructional Strategies for Teaching Communication in  
the Secondary Speech Class  
*Field of Specialization:* Education

Bernie Jacob Grablowsky, St. Louis, Mo.  
B.C.E., M.S. (Georgia Institute of Technology)  
*Dissertation:* A Behavioral Model of Risk in Consumer  
Credit  
*Field of Specialization:* Business Administration

Robert James Griffin, Trenton, N.J.  
B.A., M.A. (Seton Hall University); Cert. TESOL  
*Dissertation:* Teaching Hispanic Folk Music as a Means  
to Cross-Cultural Understanding  
*Field of Specialization:* Education

Frances Anita Grimes, Chattanooga, Tenn.  
B.S. (Tuskegee Institute); M.A. (Southern Illinois  
University)  
*Dissertation:* The Use of Cuckoldry in the Plays of  
Thomas Middleton  
*Field of Specialization:* English

William Douglas Guentzler, San Diego, Calif.  
B.S.Ed., M.A. (Kent State University)  
*Dissertation:* A Rationale for and Structure of Fluid  
Power Technology with Implications for Industrial Arts  
Teacher Education  
*Field of Specialization:* Education

Radhey Shyam Gupta, Meerut, India  
B.Sc., M.Sc. (Agra University); M.S.  
*Dissertation:* Paired Comparison Model Building and  
Related Inference  
*Field of Specialization:* Statistics

Robert Richard Haccoun, Montreal, Que., Canada  
B.A. (McGill University); M.A.  
*Dissertation:* Mandate Base and Evaluation Source as  
Determiners of Negotiator Behavior  
*Field of Specialization:* Psychology

Paul Wellsley Hailey, Findlay  
B.S. (Bob Jones University); M.A. (Furman University)  
*Dissertation:* The Identification of Specific Areas of  
Strength and Weakness in Teacher Education Programs  
*Field of Specialization:* Education

Ibrahim Yusuf Hamdan, Kuwait, Kuwait  
B.S. (California State University); M.S. (University  
of Wyoming)  
*Dissertation:* Isolation and Characterization of  
Antimicrobial Agent from *Lactobacillus acidophilus*  
*Field of Specialization:* Food Science and Nutrition

Thomas Lewis Hamer, Columbus  
B.S. (Pennsylvania State University); M.A. (San Jose  
State College)  
*Dissertation:* Beyond Feminism: The Women's Movement  
in Austrian Social Democracy, 1890-1920  
*Field of Specialization:* History

Robert Quentin Hanham, Reading, England  
B.A. (University of Reading); M.A.  
*Dissertation:* Diffusion of Innovation From a Supply  
Perspective: An Application to the Artificial Insemination  
of Cattle in Southern Sweden  
*Field of Specialization:* Geography

Henry Walter Hansen, Jr., Columbus  
A.B. (University of Rochester); M.S.  
*Dissertation:* The Second Gap of the Markoff Spectrum of  
 $Q(i)$   
*Field of Specialization:* Mathematics

Susan Irene Hardin, Englewood, Colo.  
B.A. (University of New Mexico); M.A.  
*Dissertation:* Genuineness and Gender: Effects on  
Perceptions of Counselor Behavior  
*Field of Specialization:* Psychology

Albert Joseph Harris, New Orleans, La.  
B.A. (Loyola University); M.A. (Pennsylvania State  
University)  
*Dissertation:* "This Radical Noh": A Study of Two  
Productions by Kanze Hisao and Kanze Hideo  
*Field of Specialization:* Theatre

Allen Lee Hauer, Jackson, Mich.  
B.S. (Central Michigan University); M.A.  
*Dissertation:* The Effects of an Orientation Session and  
Feedback Training on the Learning of a Basic Helping  
Skill  
*Field of Specialization:* Psychology

Daniel Hauser, Columbus  
B.Met.E. (Rensselaer Polytechnic Institute); M.S.  
(Met.E.) (Syracuse University)  
*Dissertation:* Effect of Temperature and Strain Rate on  
Plastic Instability of Type 316 Stainless Steel  
*Field of Specialization:* Metallurgical Engineering

Douglas Bruce Henderson, Grand Island, N. Y.  
B.S. (Saint Lawrence University); M.A.  
*Dissertation:* Occlusion of Auditory Feedback by White  
Noise and its Effects on Verbal and Written Production:  
A Developmental Study  
*Field of Specialization:* Psychology

Stephen Philip Hepler, Elkhart, Ind.  
B.S. in Edu. (Ball State University); M.S.  
*Dissertation:* Use of Probabilistic Automata as Models of  
Human Performance  
*Field of Specialization:* Computer and Information Science

Gary Dean Herrin, Columbus  
B.S.I.E., M.S.  
*Dissertation:* On Planning Experiments Incorporating  
Prior Knowledge That Some of the Data May be Missed  
*Field of Specialization:* Industrial Engineering

David McClelland Hockenbery, West Jefferson  
B.A. (Capital University); M.A.  
*Dissertation:* The Radical Reformation in Nürnberg,  
1524-1530  
*Field of Specialization:* History

Patrick Brooks Hodges, Columbus  
B.S. (Manchester College); M.S. (Indiana University)  
*Dissertation:* A Study of Physical Education in Public  
Two-Year Colleges in the Midwest United States  
*Field of Specialization:* Physical Education

Ronald Bennett Hoekstra, Elmhurst, Ill.  
B.S., M.Ed. (University of Illinois)  
*Dissertation:* The Governor as Policy Maker in Education:  
A Case Study  
*Field of Specialization:* Education

Dennis Michael Holt, Champaign, Ill.  
B.A. (West Virginia Wesleyan); M.Ed. (Westchester  
State College)  
*Dissertation:* An Evaluation Study of Two Units of  
Instruction for Providing Prospective Elementary  
Teachers with an Orientation to Selected Aspects of  
General Music Teaching and Learning  
*Field of Specialization:* Music

Jay Glenn Horowitz, South Euclid  
B.S.Phys., M.S.  
*Dissertation:* Measurement of Polarization in Neutron-  
Proton C Charge Exchange Scattering From 2 to 12 GeV/c  
*Field of Specialization:* Physics

Joseph Henry Huber, West Chester, Pa.  
B.S. (West Chester State College); M.A. (University of  
Maryland)  
*Dissertation:* The Effects of a Token Economy Program  
on Appropriate Behavior and Motor Task Performance of  
Educable Mentally Retarded Children in Adapted  
Physical Education  
*Field of Specialization:* Physical Education

Eugene Wesley Huddle, Ashland  
A.B. (Asbury College); M.A.Ed. (University of  
Kentucky)  
*Dissertation:* A Perceptual Process for Predicting Teacher  
Demand  
*Field of Specialization:* Education

William Rodney Hughes, Baltimore  
B.S.Ed., M.A.  
*Dissertation:* A Study of the Use of Computer Simulated  
Experiments in the Physics Classroom  
*Field of Specialization:* Education



- J. David Hunger, Barberton  
B.A. (Bowling Green State University); M.B.A.  
*Dissertation*: An Empirical Test of the Superordinate Goal as a Means of Reducing Intergroup Conflict in a Bargaining Situation  
*Field of Specialization*: Business Administration
- James Wallace Hutcheson, Columbia, S. C.  
B.A. (Wabash College); M.A. (George Washington University)  
*Dissertation*: A Natural History of Complete Consonantal Assimilations  
*Field of Specialization*: Linguistics
- John Anthony Hyatt, Jonesville, Va.  
B.S. (Wake Forest University)  
*Dissertation*: Researchers in the Synthetic Photochemistry of Some Nitrogen Heterocycles  
*Field of Specialization*: Chemistry
- Godfrey Ibm, Wilberforce  
B.S. (University of Oregon); M.S. (Atlanta University)  
*Dissertation*: A Dynamic Quasi-Stochastic Model for Forecasting Population Distribution of Residential Black Pupils in Suburbia  
*Field of Specialization*: Education
- Kaare T. Jacobsen, Thousand Oaks, Calif.  
B.A., M.A. (San Fernando Valley State College)  
*Dissertation*: The Effects of Planned Intervention on Dissident Teachers' Attitudes Toward Career Education  
*Field of Specialization*: Education
- Anil Kumar Jain, Lucknow, India  
B. Tech. (Indian Institute of Technology); M.S.  
*Dissertation*: Some Aspects of Dimensionality and Sample Size Problems in Statistical Pattern Recognition  
*Field of Specialization*: Electrical Engineering
- Jon Phillip Johnston, Mt. Vernon  
A.B. (Pasadena College); M.A. (Los Angeles State College); B. D. (Nazarene Theological Seminary)  
*Dissertation*: A Value-Oriented Typology of the Nazarene Pastorate: An Empirical Study  
*Field of Specialization*: Sociology
- Michael Thomas Jones, Newport News, Va.  
B.A. (College of William and Mary in Virginia); M.A.  
*Dissertation*: Intentionalist and Conventionalist Solutions to Problems of Reference in the Philosophy of Language  
*Field of Specialization*: Philosophy
- Richard Crouch Jones, Clarksville, Tenn.  
B.S. (Austin Peay State College); A.M. (Indiana University)  
*Dissertation*: A Target Planning Model for Regional Crop Allocation: The Western Llanos of Venezuela  
*Field of Specialization*: Geography
- Robert George Kalinsky, Cleveland  
B.S. (University of Dayton); M.S.  
*Dissertation*: An Identification System for the Genus *Nitzschia* Hassall (Bacillariophyta), with a Nomenclatural Revision  
*Field of Specialization*: Botany
- Hagop Karekin Kayayan, Beirut, Lebanon  
B.S., M.S.Agr. (American University of Beirut)  
*Dissertation*: Socio-economic Comparisons of Four Ethnic Groups in the State of Sao Paulo, Brazil  
*Field of Specialization*: Agricultural Economics and Rural Sociology
- Joseph Andre Keane, Schenectady, N. Y.  
B.S. (Union College, New York); M.S.  
*Dissertation*: The Ion Beam Aspects of a Compact Polarized Ion Source  
*Field of Specialization*: Physics
- June Frances Kearney, Cedarville  
B.S.Ed. (Taylor University); M.Ed. (Wittenberg University)  
*Dissertation*: The History of Women's Intercollegiate Athletics in Ohio—1945-1972.  
*Field of Specialization*: Physical Education
- Peter Edward Kennedy, Toledo  
B.A. (Niagara University); A.M. (Indiana University)  
*Dissertation*: The Life and Professional Contributions of Robert John Herman Kiphuth to Yale and Competitive Swimming  
*Field of Specialization*: Physical Education
- William Klinger, Marion  
B.S. in Ed. (Taylor University); M.S.  
*Dissertation*: Effect of Distribution of Earlier Concepts as Preliminary Homework Exercises Upon Achievement in a Remedial Mathematics Course at the College Level.  
*Field of Specialization*: Education
- Dennis Paul Klug, Kent  
B.S. in Educ., M.A. (Kent State University)  
*Dissertation*: The Significance of the Judeo-Christian-Black Concept of Man and History in Values Education  
*Field of Specialization*: Education
- Francis Joseph Kollarits, Cleveland  
B.S., M.S. (John Carroll University)  
*Dissertation*: Measurements of the Kapitza Boundary Conductance between Gallium Single Crystals and Liquid Helium II  
*Field of Specialization*: Physics
- Fred Jay Krieg, Fresh Meadows, N. Y.  
A.B. (Boston University); M.A. (University of Massachusetts); M.S., O.D.  
*Dissertation*: Perceptual Skills and Cognitive Skills as Predictors of Academic Achievement  
*Field of Specialization*: Education
- Thomas Lee Kruse, Redlands, Calif.  
B.A. (University of Kansas); M.S.W. (Washington University)  
*Dissertation*: Adequacy of Preparation for Social Work Practice: Self-Assessment by Students About to Graduate with the Baccalaureate Degree in Social Work  
*Field of Specialization*: Social Work
- Anthony Joseph LaGreca, Omaha, Neb.  
A.B. (Creighton University); M.A.  
*Dissertation*: Class, Race, and Ethnicity as Factors of Residential Density  
*Field of Specialization*: Sociology

Chun Choon Lam, Ipoh, Malaysia  
B.A. (Nanyang University); M.S.  
*Dissertation*: A Class of Biased Estimators for Linear Models  
*Field of Specialization*: Statistics

Curtis Pleasant Lawrence, Pauls Valley, Okla.  
B.A. (Baylor University); M.A.  
*Dissertation*: The Structure of Ovid's Amores II  
*Field of Specialization*: Classics

Alan Lyon Leach, Chagrin Falls  
B.A. (Ohio Wesleyan University); M.A.  
*Dissertation*: Commercialism and the Quality of Children's TV Programs: An Analysis of Responses to the Proposals of Action for Children's Television-February 1970 to January 1973  
*Field of Specialization*: Speech Communication

James Joseph Legasse, Cohes, N. Y.  
B.A. (Saint Bernardine of Siena College); M.A.  
*Dissertation*: "This Dark State": James Thomson's Critical-Satirical Response to the Literary and Political Delinquency of the 1720's and 1730's  
*Field of Specialization*: English

Neil Burkhart Lehman, Berne, Ind.  
B.A. (Bluffton College); M.A.  
*Dissertation*: The Life of John Murray Spear: Spiritualism and Reform in Antebellum America  
*Field of Specialization*: History

I-Cheng Liang, Taichung, Taiwan  
B.A. (Tungshai University); M.A.  
*Dissertation*: Hsu Wei (1521-1593): His Life and Literary Works  
*Field of Specialization*: East Asian Languages and Literatures

Charisma Madson Lindberg, Galena  
B.S.H.E., M.S.  
*Dissertation*: Sociodramatic Play of Low Socioeconomic Black and White Kindergarten Children  
*Field of Specialization*: Education

Mary Brown Linde, Columbus  
B.S. (Northwestern State College of Louisiana); M.S.  
*Dissertation*: Chromosomal Studies in Lymphoma Induced in Long-Evans Rats by 7, 12-Dimethylbenz(a)anthracene  
*Field of Specialization*: Pathology

Gordon Rice Little, Arlington, Va.  
B.S., M.S.  
*Dissertation*: A Neutron Diffraction Study of Single Crystal Holmium to 0.4K  
*Field of Specialization*: Physics

Charles Stephen Locke, Murfreesboro, Tenn.  
B.A. (David Lipscomb College); M.S.  
*Dissertation*: The Conditional Distribution of  $\frac{1}{2} | X_1 - X_2 |$  Given  $\frac{1}{2} (X_1 + X_2)$  and a Test for Normality  
*Field of Specialization*: Statistics

Rebecca Powell Lovingood, Fresno  
B.S.H.E., M.S.  
*Dissertation*: The Effect of Selected Social-Demographic Factors on Household Task Performance of Young Families  
*Field of Specialization*: Home Economics

Ann Lucas, Birmingham, Ala.  
B.S. (Livingstone College); M.A. (Atlanta University)  
*Dissertation*: An Exploration of the Relationships Among the Goals and Values of Students and Teachers  
*Field of Specialization*: Education

Theodore Edward Luke, Columbus  
B.E.E., M.S.  
*Dissertation*: The Role of Crystal Conductivity in Modifying the Properties of Ferroelectric Bismuth Titanate  
*Field of Specialization*: Electrical Engineering

Ralph Nikolas Macioci, Jr., Columbus  
B.S.Ed., M.A.  
*Dissertation*: Rationale and Organum for the Completion of Humanity Through the Acquisition of Consciousness  
*Field of Specialization*: Education

Fred Dey Mack, Jr., Jackson, Miss.  
B.S. (McNeese State College); M.A. (University of Alabama)  
*Dissertation*: Identification and Analysis of the Current Issues in Health Occupations Education  
*Field of Specialization*: Education

Clark Stephen Markell, East Greenbush, N. Y.  
B.S. (State University Teachers College at New Paltz); M.S.T. (Union College)  
*Dissertation*: A Search for Optimum Relationships between Student Perceptions of and Attitudes Toward the Frequency with Which Science Teachers Employ Instructional Moves  
*Field of Specialization*: Education

Judith O'Hara Marsh, Worthington  
B.A., M.A.  
*Dissertation*: Militant Paths: Continuity and Discontinuity  
*Field of Specialization*: Sociology

Jon Elden Marshall, Columbus  
B.A. (Oberlin College); M.A. (University of Chicago)  
*Dissertation*: The Whitman Tradition in Twentieth Century American Poetry  
*Field of Specialization*: English

Donald Franklin Martin, Columbus  
B.S. (North Carolina Agricultural and Technical State University); M.A. (University of Akron)  
*Dissertation*: An Analysis of Role Perceptions of Adult Educators in Model Cities  
*Field of Specialization*: Education

Scott McClung Martin, Charleston, W. Va.  
B.S. (Marshall University); M.S. (Brigham Young University)  
*Dissertation*: Lysosomal Activity during Population Growth and Encystment in the Soil Amoeba, *Acanthamoeba castellanii*  
*Field of Specialization*: Zoology

Leeda Pollock Marting, Chesapeake  
B.S.Ed., M.A. (University of Alabama)  
*Dissertation*: An Empirical Study of the Images of Males and Females During Prime-Time Television Drama  
*Field of Specialization*: Speech Communication

- David Francis Maune, Marthasville, Mo.  
B.S.M.E. (University of Missouri); M.S.  
*Dissertation*: Photogrammetric Self-Calibration of a Scanning Electron Microscope  
*Field of Specialization*: Geodetic Science
- Paul Andrew Mayewski, New York, N. Y.  
B.A. (State University of New York at Buffalo)  
*Dissertation*: Glacial Geology and Late Cenozoic History of the Transantarctic Mountains, Antarctica  
*Field of Specialization*: Geology
- Robert Daniel McClish, Columbus  
B.A., M.A.  
*Dissertation*: A Method for Quantitative Morphologic Computer Analysis of Tissues Applied to the Islets of Langerhans in the Avian Pancreas  
*Field of Specialization*: Anatomy
- Clair Bruce McCullough, Columbus  
B.S.Agr., D.V.M., M.S.  
*Dissertation*: Studies in Experimental Canine Distemper Virus-Induced Demyelination and Lymphoid Depletion  
*Field of Specialization*: Veterinary Pathobiology
- James McCutcheon, Ravenswood, W.Va.  
B.S.Agr., M.S. (West Virginia University)  
*Dissertation*: An Assessment of Factors Related to the Diffusion Strategy for Simulation Training Materials  
*Field of Specialization*: Agricultural Education
- Dennis Robert McDermott, Toledo  
B.B.A. (University of Toledo)  
*Dissertation*: A Simulation Study Examining the Economic and Social Benefits of an Urban Consolidated Terminal  
*Field of Specialization*: Business Administration
- Lauren Hyatt McElhaney, State College, Pa.  
B.A. (Pennsylvania State University); M.A.  
*Dissertation*: An Examination of an Experiential Sophomore Program in English Teacher Education  
*Field of Specialization*: Education
- Sandra Muttters McKinley, Marion  
B.S.Ed., M.A.  
*Dissertation*: Comparative Analysis of the Character Education Process of the United States and the Soviet Union  
*Field of Specialization*: Education
- Jeffery Thomas McLean, Morrilton, Ark.  
B.A. (Hendrix College); M.S.  
*Dissertation*: Transitivity in Finite Affine and Projective Planes  
*Field of Specialization*: Mathematics
- William Eugene Melin, Oxford  
B.Mus. (Lawrence College); M.Mus. (American Conservatory of Music)  
*Dissertation*: The Music of Johannes Tinctoris (ca. 1435-1511): A Comparative Study of Theory and Practice  
*Field of Specialization*: Music
- David Chester Mellick, Wellington  
B.A. (Greenville College); M.A.  
*Dissertation*: The Mataphysics of Behavior  
*Field of Specialization*: Philosophy
- Betty Duba Melragon, Columbus  
B.S. Comm. (State University of New York, Albany); M.A.  
*Dissertation*: A Comparison of the Sociodramatic Play of Low Socioeconomic Status Black Second Grade Children and Low Socioeconomic Status Black Kindergarten Children  
*Field of Specialization*: Education
- Robert Lee Mertens, Columbus  
B.S. (Carnegie Institute of Technology); M.S.  
*Dissertation*: On the Product of Linear Forms  
*Field of Specialization*: Mathematics
- Raymond Joseph Michalowski, New Rochelle, N. Y.  
B.A., M.A. (Fordham University)  
*Dissertation*: Vehicular Negligence: The Social and Criminal Patterns of Auto Traffic Fatalities  
*Field of Specialization*: Sociology
- Jan Erwin Mikesell, Columbus  
B.S.Ed., M.S. (Western Illinois University)  
*Dissertation*: Ontogeny and Correlative Relationships of the Primary Thickening Meristem in Noninduced and Photoinduced Four-O'Clock Plants  
*Field of Specialization*: Botany
- John Edgar Miller, Cleveland Heights  
B.A. (Goshen College); M.Ed. (Kent State University)  
*Dissertation*: The Comparative Effectiveness of Data Processing Programs in Proprietary and Public Postsecondary Institutions  
*Field of Specialization*: Education
- Jacqueline Walton Mitchell, Danville, Va.  
B.A. (Howard University); M.A.  
*Dissertation*: Bands of Frequencies Which Are Important in Judging Preferred Quality of Speech  
*Field of Specialization*: Speech Communication
- June Anthea Mitchelmore, Bristol, England  
B.S., Cert. of Edu. (University of Liverpool)  
*Dissertation*: Development of the Instructor Behavior Description Questionnaire to Measure Graduate Student Satisfaction from Perceptions of Ideal and Actual Instructor Behavior  
*Field of Specialization*: Education
- Edward Barry Mitchelson, Edmonton, Alta., Canada  
B.A. (University of Western Ontario); B.P.E., M.A. (University of Alberta)  
*Dissertation*: An Analysis of the Relationship between Programs of Physical Education and Intercollegiate Athletics in the CIAU  
*Field of Specialization*: Physical Education
- Richard Frank Moerchen, St. Louis, Mo.  
B.S. (Saint Mary's University of San Antonio); M.S. (University of Notre Dame)  
*Dissertation*: Specific Isolating Mechanisms of the Orangethroat Darter, *Etheostoma spectabile* (Agassiz), and the Rainbow Darter, *Etheostoma caeruleum* Storer, in Central Ohio, with Considerations of their Hybridization  
*Field of Specialization*: Zoology

Richard Louis Moleski, Grand Rapids, Mich.  
B.S. (Aquinas College); M.A. (Western Michigan University)  
*Dissertation*: A Comparative Study of Rational—Emotive Therapy and Systematic Desensitization in the Treatment of Stuttering  
*Field of Specialization*: Education

Ann Edmondson Morehead, San Francisco, Calif.  
B.A., B.S.Ed.; A.M. (University of Michigan)  
*Dissertation*: A Critical Edition of Roger Ascham's *Toxophilus*  
*Field of Specialization*: English

Marcia Ruth Morgan, Fort Worth, Tex.  
B.A. (Texas Wesleyan College); M.A.  
*Dissertation*: A Comparison of Selected Personality, Biographical and Motivational Traits Among Women Athletes, Physicians and Attorneys  
*Field of Specialization*: Physical Education

Judith Anne Morris, Washington, D.C.  
B.A. (Wake Forest College)  
*Dissertation*: Teacher Career Expectations for Students as Related to Elementary Student Career Aspirations: An Exploratory Study  
*Field of Specialization*: Education

Russell Dale Morris, Crofton, Md.  
B.S.Bus.Adm., M.B.A.  
*Dissertation*: An Analysis of Certain Aspects of the Federal Reserve System Payments Mechanism Program  
*Field of Specialization*: Business Administration

Robert Carl Moschel, Columbus  
B.S.  
*Dissertation*: Oxidation of Nucleic Acid Components by Potassium Peroxodisulfate in Alkaline Aqueous Solution  
*Field of Specialization*: Biochemistry

Thomas Alphonse Muth, Columbus  
B.S. in Bus. Adm. (University of Dayton); J.D. (Salmon P. Chase College); M.A.  
*Dissertation*: State Interest in Cable Communications  
*Field of Specialization*: Speech Communication

Seetharama L. Narasimhan, Madras, India  
B.E. (University of Madras); M.S. (University of Tennessee)  
*Dissertation*: Models for Integrated Research and Development, Production and Inventory Planning  
*Field of Specialization*: Industrial Engineering

Paula Jane Nassen, Janesville, Wis.  
B.A. (Luther College)  
*Dissertation*: Pindar: A Literary Study of Olympian IX and Olympian X  
*Field of Specialization*: Classics

Roger Harvey Neff, Bucyrus  
B.A., M.A.  
*Dissertation*: Rhetorical Theory and Practice in Selected Works of Fenelon  
*Field of Specialization*: Romance Languages and Literatures

Bessie Espersen Nelson, Superior, Wis.  
B.S., M.S. (Wisconsin State University)  
*Dissertation*: A Survey of Science Teaching in the Public Elementary Schools of the New England, the Midwest, and the Southwest Regions of the United States during the 1970-1971 School Year  
*Field of Specialization*: Education

Gregory Armstrong Norton, Pontiac, Mich.  
B.A. (Oakland University); M.S.  
*Dissertation*: Comparison of Sub-Coulomb (d, p) Stripping and Analog Resonance Results for the  $N = 82$  Isotones  
*Field of Specialization*: Physics

Thomas Michael Nosek, Berea  
B.S. (University of Notre Dame)  
*Dissertation*: Contribution of Potassium Active Transport to the Myocardial Plateau Potential of Guinea-Pig Ventricle  
*Field of Specialization*: Biophysics

Robert Alan Oakley, Columbus  
B.S. in Aero. and Astro. Engr. (Purdue University); M.B.A.  
*Dissertation*: An Application of Multidimensional Scaling to the Construction of Predictive Portfolio Selection Models  
*Field of Specialization*: Business Administration

Gerald Olivero, Hollywood, Calif.  
B.A. (University of California at Los Angeles); M.A.  
*Dissertation*: Expectancy Theory Predictions of Motivation Moderated by Race, Sex and Socioeconomic Status  
*Field of Specialization*: Psychology

Dessie D. Page, Carbondale, Ill.  
B.S.E.E. (Valparaiso Technical Institute); M.S.Ed. (Southern Illinois University)  
*Dissertation*: Impact Evaluation of Two Types of Innovations Upon Educational Administrators  
*Field of Specialization*: Education

Richard James Parish, Medina  
B.A., M.A., B.S. (Kent State University)  
*Dissertation*: The Design and Testing of an Instructional Model for Population and Resources Education Concepts at the Community College Level  
*Field of Specialization*: Education

Thomas Andrew Parks, Columbus  
B.S., M.S. (Louisiana State University)  
*Dissertation*: An Experimental Comparison of the Demonstration-Performance Method Versus Videotape Recording for Teaching Selected Welding Skills  
*Field of Specialization*: Education

Judith Tanis Parr, Hudsonville, Mich.  
A.B. (Hope College); M.A.  
*Dissertation*: Eloquent Silence in the Poetry of Henry Vaughan  
*Field of Specialization*: English

Prabhakar Harihar Pathak, Santa Cruz, India  
B.Sc. (University of Bombay); B.S.E.E. (Louisiana State University); M.S.

*Dissertation:* TM Surface Wave Diffraction by a Truncated Dielectric Slab Recessed in a Perfectly Conducting Surface

*Field of Specialization:* Electrical Engineering

Albert Cordell Perkes, Wellsville, Utah

B.S., M.A. (Utah State University)

*Dissertation:* A Survey of Environmental Knowledge and Attitudes of Tenth and Twelfth Grade Students from Five Great Lakes and Six Far Western States

*Field of Specialization:* Education

Nancy Reichard Perry, Dayton

B.S.Nurs., M.A.

*Dissertation:* Drug Knowledge and Attitudes Toward Drug Abuse Among Teachers, Administrators, and Students

*Field of Specialization:* Psychology

Aldwyn Thomas Philip, Port of Spain, Trinidad

Diploma (University of London); M.S.

*Dissertation:* Independent Model Aerial Triangulation-Refinements and Error Studies

*Field of Specialization:* Geodetic Science

Douglas Taylor Pine, Freehold, N. J.

B.S. (State University College of Education at Oswego, New York); M.A. (Trenton State College)

*Dissertation:* The Effects of Teaching Numerical Control Concepts Via Simulator Versus Non-Simulator Activities on the Achievement, Programming Proficiency and Attitude of High School Students

*Field of Specialization:* Education

John James Polick, Chicago, Ill.

B.A. (Northwestern University); M.S.

*Dissertation:* Electron Tunneling Measurements of the Superconducting Energy Gap of Gallium

*Field of Specialization:* Physics

Robert Everett Potts, Columbus

B.F.A. (College Conservatory of Music of Cincinnati)

*Dissertation:* The Development of Principles to Guide A Curriculum in Medical Communications

*Field of Specialization:* Education

Robert Lewis Pratt, Bowling Green

B.A. (Aquinas College, Michigan); M.Ed. (Bowling Green State University)

*Dissertation:* The Concept of Play in American Physical Education

*Field of Specialization:* Physical Education

Jeffrey Bruce Press, Rochester, N. Y.

B.S. (Bucknell University)

*Dissertation:* Synthesis and Chemistry of Bicyclo [4.2.2.] deca-2, 4, 9-trien-7-one and Bicyclo [4.2.2.] deca-2, 4, 9-trien-7-yl Intermediates

*Field of Specialization:* Chemistry

Charles Savas Raben, Totowa, N. J.

B.A. (Fairleigh Dickinson University); M.A.

*Dissertation:* Participation and Member Power Base in Group Decision Making

*Field of Specialization:* Psychology

Roy Howard Rengstorff, Union City, N. J.

B.S., O.D. (Northern Illinois College of Optometry); M.S. (Pacific University)

*Dissertation:* Succinic Dehydrogenase in Corneal Epithelium: Quantification and Localization After Oxygen Deprivation

*Field of Specialization:* Physiological Optics

Joyce Cordell Richardson, Springfield

B.A. (Oakwood College); M.A.

*Dissertation:* The Identification by Voice of Speakers Belonging to Two Ethnic Groups

*Field of Specialization:* Speech Communication

Frank Nicholas Rife, San Antonio, Tex.

B.S. (Trinity University); M.S. (Brigham Young University)

*Dissertation:* Modification of Student-Teacher Behavior and its Effects Upon Pupil Behavior

*Field of Specialization:* Physical Education

Timothy LaVerne Rink, Columbus

B.A. (Capital University); M.A.

*Dissertation:* An Exploration of the Relationship Between a Hearing Protective Device and Speech Discrimination Performance for Persons with Sensori-Neural Hearing Loss

*Field of Specialization:* Speech Communication

Charles Henry Rivers, Dayton

A.B. (Findlay College); M.Ed. (Miami University)

*Dissertation:* The Development of a Planning Guide for Comprehensive Change Through the Process of Desegregation

*Field of Specialization:* Education

Mark Howard Rose, Highland Park, Ill.

B.A. (Roosevelt University)

*Dissertation:* Express Highway Politics, 1939-1956

*Field of Specialization:* History

Paul David Rosso, New Cumberland, W. Va.

B.S. (West Virginia University)

*Dissertation:* Part I. The Direct and Photosensitized Chemistry of the 7-Azabenzonorbornadienes Part II. Substituent Effects on the Photorearrangement of the Benzonorcaradienes

*Field of Specialization:* Chemistry

Harold Paul Wallace Rostad, Saskatoon, Sask., Canada

B.S.A., M.S. (University of Saskatchewan)

*Dissertation:* Genesis of Argillic Horizons in Hapludalfs Derived from Coarse Textured Calcareous Gravels in Western and Central Ohio

*Field of Specialization:* Agronomy

Victor Curtis Rowley, Jr., West Jefferson

A.B. (Saint Meinrad Seminary); M.A.

*Dissertation:* Artifact, Author, and Audience in Robert Herrick's Hesperides

*Field of Specialization:* English

Csaba Miklos Rozsa, Cleveland

B.S., M.S.

*Dissertation:* Nuclear Spectroscopy of 49X up to 4 MeV

*Field of Specialization:* Physics

- Catherine Estelle Rudder, Atlanta, Ga.  
A.B. (Emory University); M.A.  
*Dissertation*: Why Southerners Vote the Way They Do;  
Determinants of the Presidential Vote in the South,  
1952-1968  
*Field of Specialization*: Political Science
- Earl Richard Sage, Cardington  
B.S.Bus.Adm.; M.B.A. (Harvard University)  
*Dissertation*: An Empirical Evaluation of a Management  
Training Program  
*Field of Specialization*: Business Administration
- Kewal Krishan SaijPaul, Ludhiana, India  
B.Sc. (Panjab University); B.Sc. (Ag.Eng.) (Panjab  
Agricultural University); M.S.  
*Dissertation*: Design and Feasibility Study of Integrating  
Separation and Cleaning Processes in a Combine  
*Field of Specialization*: Agricultural Engineering
- Chhote Lal Saraf, Panna, India  
B.S. (Banaras Hindu University); M.E. (University of  
Roorkee)  
*Dissertation*: Effect of Mix Variables on the Fatigue  
Response of Asphaltic Mixes  
*Field of Specialization*: Civil Engineering
- Bruce Dee Schanbacher, Cherokee, Okla.  
B.S. (Oklahoma State University); M.S.  
*Dissertation*: Testicular Carnitine Acetyltransferase  
Activity and Serum Testosterone Levels in Developmental  
Stages of the Rat and Ram  
*Field of Specialization*: Dairy Science
- Nancy Esther Schwartz, Medicine Hat, Alta., Canada  
B.H.E. (University of British Columbia)  
*Dissertation*: The Relationship of Nutrition Education to  
Subsequent Nutrition Knowledge, Attitudes, and  
Practices of Ohio High School Graduates  
*Field of Specialization*: Home Economics
- Herman Elmo Scott, Manchester  
B.A. (Ohio Wesleyan University); M.S.  
*Dissertation*: Noble Gas Broadening of the HCl Rotation  
Lines  
*Field of Specialization*: Physics
- Neil Edward Seitz, Prospect  
B.S. (Findlay College); M.B.A. (University of Hawaii)  
*Dissertation*: The Effect of Taxes on Capital Market  
Theory  
*Field of Specialization*: Business Administration
- Paul William Shearer, III, Hockessin, Del.  
B.A. (University of Delaware); M.A.  
*Dissertation*: The Effect of First-Half and Second-Half  
of the Night Sleep on Single List Retention, Resistance to  
Retroactive Inhibition, and Spontaneous Recovery of  
Verbal Material  
*Field of Specialization*: Psychology
- Thomas Edward Shirley, Texas City, Tex.  
B.S. (Lafayette College); M.S.  
*Dissertation*: Monte Carlo Studies of Some Models in  
Lattice Statistics  
*Field of Specialization*: Physics
- Devendra Prasad Sinha, Patna, India  
B.V.Sc. and A.H. (Bihar University); M.S. (University of  
Missouri, Columbia)  
*Dissertation*: Influence of Bovine Mastitis on Selected Milk  
Serum Proteins  
*Field of Specialization*: Food Science and Nutrition
- William Paul Skivolocki, Homeworth  
B.S., M.D., M.S.  
*Dissertation*: Pharmacological Control of Portal Pressure  
*Field of Specialization*: Physiology
- Robert Bruce Slaney, Pittsburgh, Pa.  
B.A. (College of Wooster); M.A.  
*Dissertation*: The Effects of Pre-Counseling Training  
on the In-Counseling Behavior of Clients  
*Field of Specialization*: Psychology
- David Lynn Smith, Indianapolis, Ind.  
B.M.E. (General Motors Institute); M.S. (Purdue  
University)  
*Dissertation*: An Analytical and Experimental Study of a  
Tuned Acoustic Absorber  
*Field of Specialization*: Mechanical Engineering
- Eric Howard Smith, Cincinnati  
B.A. (Miami University); M.S. (Purdue University)  
*Dissertation*: Systematic Revision of the Maculate Species  
of the Genus *Phyllotreta* Chev. of America North of  
Mexico (Coleoptera: Chrysomelidae, Alticinae)  
*Field of Specialization*: Entomology
- Alan Peter Sprague, Rochester, N. Y.  
A.B. (Oberlin College); M.A.T. (Northwestern  
University); M.S.  
*Dissertation*: A Characterization of Projective and Affine  
3-Schemes  
*Field of Specialization*: Mathematics
- James Michael Sproule, Dayton  
B.A., M.A.  
*Dissertation*: The Case for a Wider War: A Study of the  
Administration Rationale for Commitment to Vietnam,  
1964-1967  
*Field of Specialization*: Speech Communication
- Norman Marvin Stanley, Fredericktown  
B.S.Agr., M.S.  
*Dissertation*: Factors Related to Decisions Made by High  
School Graduates Concerning Post-High School Education  
*Field of Specialization*: Agricultural Education
- Barbara Gail Star, Los Angeles, Calif.  
B.S.Ed. (State College of New York at Buffalo); M.S.W.  
(University of California, Los Angeles)  
*Dissertation*: An Experimental Study of the Impact of  
Videotape Self-image Confrontation on the Self  
Perceptions of Social Work Students  
*Field of Specialization*: Social Work
- Rae Alden Stewart, Fredericton, N.B., Canada  
B.S. in C.E. (University of New Brunswick); M.S.  
*Dissertation*: Aerodist Controlled Photography for  
Topographic Mapping  
*Field of Specialization*: Geodetic Science

Elaine Naramoto Tanabe, Columbus  
B.S. in Bus. (Indiana University); M.A.  
*Dissertation:* A Longitudinal Study of Self Concepts and Attitudes of Economically and Educationally Disadvantaged Students During 1968-1972  
*Field of Specialization:* Psychology

Charles Paul Temple, Canton  
B.S.Ed., M.Ed. (Kent State University)  
*Dissertation:* A Study of the Effectiveness of Competition Festivals in the Music Education Process  
*Field of Specialization:* Music

Margareth Gresser Teuber, Columbus  
B.S. (Saint Cloud State College); M.A.  
*Dissertation:* The Dynamics of Free School Survival: A Sociological Analysis of Organizational Attributes and Member Perceptions  
*Field of Specialization:* Sociology

Charles Stanley Thompson, Shawnee Mission, Kan.  
B.A. (University of Kansas); M.A. (Wesleyan University)  
*Dissertation:* The Learning of Multiplication and Other Mathematical Concepts and Skills by Four Children in a Fourth Grade Open Classroom: A Case Study  
*Field of Specialization:* Education

Edward Louis Tremba, Dearborn, Mich.  
B.S. (University of Michigan); M.S.  
*Dissertation:* Isotope Geochemistry of Strontium in Carbonate and Evaporite Rocks of Marine Origin  
*Field of Specialization:* Geology

Barbara Mitchell Tull, Delaware  
B.S. (Miami University); M.A. (Western Michigan College)  
*Dissertation:* Analysis of Selected Prosodic Features in the Speech of Black and White Children  
*Field of Specialization:* Speech Communication

David Philip Turtle, Bala-Cynwyd, Pa.  
B.S.Ch.E. (Bucknell University); M.S.  
*Dissertation:* The Molecular-Weight Distribution of an Emulsion Polymerization of Styrene  
*Field Specialization:* Chemical Engineering

Charles Allyn Uniacke, Columbus  
B.S., M.S.  
*Dissertation:* Healing Mechanisms of a Nonpenetrating Lesion in the Cornea: A Morphological Study of the Rabbit  
*Field of Specialization:* Physiological Optics

Hubert Robert Vance, Columbus  
B.S., M.A. (East Tennessee State University)  
*Dissertation:* A Scale Analysis of the Wechsler Intelligence Scale for Children with Different Groups of Disadvantaged Children  
*Field of Specialization:* Education

Michael Cornelius Vander Zwan, Orange, N. J.  
B.S. (Seton Hall University)  
*Dissertation:* I. A New Synthesis of the, -Unsaturated Carbonyl Function. II. Intramolecular Trapping of the Trimethylene Diradical. III. Steric and Polar Effects in the Thermal Decarboxylation of Mercuric Salts of Unsymmetrical Aromatic 1,2-Dicarboxylic Acids, the Pesci Reaction  
*Field of Specialization:* Chemistry

Surendra Prasad Varma, Motihari, Bihar, India  
B.Sc. (Ag) (Bihar University); M.Sc. (Bhagalpur University)  
*Dissertation:* Physio-Chemical Regulation of Growth and Sex Expression in Cucumber (*Cucumis satifus*, L.)  
*Field of Specialization:* Horticulture

William Edward Vejdoec, Lakewood  
A.B., M.A. (Western Reserve University)  
*Dissertation:* The Effects of Two Science Curriculum Approaches on the Achievement of Science Knowledge of Elementary Students  
*Field of Specialization:* Education

Arnold Evald Vlieks, Columbus  
B.S. (Rensselaer Polytechnic Institute); M.S.  
*Dissertation:* Total Alpha-Induced Cross Sections in Stellar Nucleosynthesis  
*Field of Specialization:* Physics

Gregory John Wall, Guelph, Ont., Canada  
B.S.Agr., M.S. (University of Guelph)  
*Dissertation:* Sediment and Solution Parameters in the Maumee River Basin, Ohio  
*Field of Specialization:* Agronomy

Clarence Walls, Dayton  
B.S. (Ed.) (Central State College); M.A.  
*Dissertation:* The Identification of Musical Concepts by Elementary Children from Contrasting Racial Groups and Socioeconomic Environments  
*Field of Specialization:* Music

Janet Louise Walter, Lima  
B.S.Ed.; M.S.P.E. (University of North Carolina at Greensboro)  
*Dissertation:* The Effects of Instruction as a Secondary Task Load on Skill in an Eye-Hand Coordination Task  
*Field of Specialization:* Physical Education

Paul Tiing Renn Wang, Tainan, Taiwan  
B.S. (Cheng Kung University); M.S.  
*Dissertation:* Bandwidth Minimization, Reducibility Decomposition, and Triangularization of Sparse Matrices  
*Field of Specialization:* Computer and Information Science

Paul Dean Warner, Piercetown, Ind.  
B.Sc. (Purdue University); M.S.  
*Dissertation:* A Comparative Study of Three Patterns of Staffing Within the Cooperative Extension Service Organization and Their Association with Organizational Structure, Organizational Effectiveness, Job Satisfaction and Role Conflict  
*Field of Specialization:* Agricultural Economics and Rural Sociology

William Evan Warren, Lincoln, Del.  
B.A. (University of Delaware); M.A. (University of Virginia)  
*Dissertation*: The Love Elegies of Donne and Jonson: A Critical Study  
*Field of Specialization*: English

Paul Victor Washburn, Boiling Springs, N. C.  
B.A. (Wake Forest University); M.A.  
*Dissertation*: Group Process and Productivity  
*Field of Specialization*: Psychology

Jerry Joseph Waxman, Miami, Fla.  
B.A. (Florida State University); M.A.  
*Dissertation*: An Analysis of Commercial Broadcasting Organizations During Flood Disasters  
*Field of Specialization*: Sociology

Kathryn D. Black Weathersby, D'lo, Miss.  
B.S. (Jackson State College); M.Ed. (Tuskegee Institute)  
*Dissertation*: Adolescents' Perception and Use of Credit  
*Field of Specialization*: Home Economics

Terry Lee Weaver, Columbus  
B.S. (Indiana University of Pennsylvania); M.S.  
*Dissertation*: Biochemical, Morphological, and Physiological Studies on the Methane Oxidizing Bacterium, *Methylosinus trichosporium*, with Emphasis on Structure, Function, and Composition of the Intracytoplasmic Membranes  
*Field of Specialization*: Microbiology

Lawrence Allenby Weller, New York, N. Y.  
B.S. (City College, New York); M.A. (University of Toronto)  
*Dissertation*:  $v_2$  Band of  $^{14}\text{N}^{16}\text{O}_2$   
*Field of Specialization*: Physics

Gardner Robert Whitcomb, Falls Church, Va.  
B.S. (Springfield College); M.S.W.  
*Dissertation*: Social Change in a Private Welfare Planning Agency: An Organizational Analysis  
*Field of Specialization*: Sociology

Andrew Michael White, Lorain  
B.S.  
*Dissertation*: The Distribution, Abundance, and in vivo Cultivation of the Polyradiate Anomaly in the Cestode *Taenia pisiformis*  
*Field of Specialization*: Zoology

Anna Hopkins White, Springfield  
B.S. (Bob Jones University); M.A. (Central State University)  
*Dissertation*: An Assessment of the Current Information Needs of State Directors of Special Education  
*Field of Specialization*: Education

Donald Glenn White, Huntington, W. Va.  
B.A., M.S. (Marshall University)  
*Dissertation*: The Preparation and Use of a Fluorescent Antibody Reagent for Detection of Pythium graminicola  
*Field of Specialization*: Plant Pathology

Truman Dale Whitfield, Owensboro, Ky.  
B.S., M.A. (Western Kentucky University)  
*Dissertation*: An Exploratory Study of Pupil Perceptions of Teacher Behavior to Develop a Classroom Observational System  
*Field of Specialization*: Education

Michelle Pach Wilhelm, Rosedale, N. Y.  
B.A. (Queens College); M.A.  
*Dissertation*: Pindar: A Literary Study of Pythians 4 and 5  
*Field of Specialization*: Classics

David Carlton Williams, Tiffin  
B.S.Ed., M.A.  
*Dissertation*: Alienation and Schooling: Toward Non-institutional Curricula  
*Field of Specialization*: Education

Sister Mary Louise Woerl, Columbus  
B.S. in Ed. (Athenaeum College); M.A. (University of Notre Dame)  
*Dissertation*: Effects of Rhythmical Speech Patterns in Prose and Verse of Misarticulations of the Phoneme /r/  
*Field of Specialization*: Speech Communication

Richard Henry Wojcik, Parma Heights  
B.A., M.A.  
*Dissertation*: The Expression of Causation in English Clauses  
*Field of Specialization*: Linguistics

Kwok Chi Wong, Kowloon, Hong Kong  
B.Sc. (Chinese University of Hong Kong); B.Sc. (Special) (University of Hong Kong); M.S.  
*Dissertation*: Restricted Representations of Classical Lie Algebras of Prime Characteristics  
*Field of Specialization*: Mathematics

Robert Judson Wynkoop, Canal Winchester  
B.S.Ed., M.A.  
*Dissertation*: A Study of Significant Education Finance Committee Reports Published After Serrano  
*Field of Specialization*: Education

Swanit Yamabhai, Dhonburi, Thailand  
B.A. (Chulalongkorn University); M.A.  
*Dissertation*: The Rhetoric of Non-Violence: A Critical Analysis of Selected Speeches by M. K. Gandhi  
*Field of Specialization*: Speech Communication

Panayiotis E. Yianoulis, Lesbos, Greece  
Dipl. (University of Thessaloniki)  
*Dissertation*: The Distribution of Ionization Energies of Absorbed Sensitizer Dye Molecules  
*Field of Specialization*: Physics

Richard Morrison Young, Anderson, Ind.  
A.B.Ed., M.Ed. (University of Wichita)  
*Dissertation*: The Effects of Various Reinforcement Contingencies on a Second Grade Physical Education Class  
*Field of Specialization*: Physical Education

Thomas Beetham Young, Columbus  
A.B. (Princeton University); M.F.A. (University of Iowa)  
*Dissertation*: Thematic Emphasis and Psychological Realism in Lawrence Durrell's Alexandria Quartet  
*Field of Specialization*: English



Richard Cornel Dean Yu, Aiea, Hawaii  
B.A. (Chaminade College) ; M.A. (University of Northern  
Colorado)  
*Dissertation:* An Analysis of the Influence of Social  
Factors on Selected Curriculum Discourse  
*Field of Specialization:* Education

Michele Wender Zak, Columbus  
B.A. ; M.A. (University of California at Los Angeles)  
*Dissertation:* Feminism and the New Novel  
*Field of Specialization:* English

Georgia Zannaras, Columbus  
B.A. (Indiana State College, Pennsylvania) ; M.A.  
*Dissertation:* An Analysis of Cognitive and Objective  
Characteristics of the City; Their Influence on Movements  
to the City Center  
*Field of Specialization:* Geography

### **Certificate of Specialist in Russian Area Studies**

One candidate

Michael Alexander Orloff, Skokie, Ill.  
B.A. (Knox College) ; M.A.

### **Master of Accounting**

Three candidates

Cynthia Lee Abrams, Penllyn, Pa.  
B.S. (Pennsylvania State University)  
*Field of Specialization:* Accounting

Richard Joseph Johnson, Beloit, Wis.  
B.B.A. (University of Wisconsin)  
*Field of Specialization:* Accounting

James Edward Majewski,  
Norridge, Ill.  
B.S. (University of Illinois)  
*Field of Specialization:* Accounting

### **Master of Architecture**

Two candidates

Shekhar Bhushan, New Delhi, India  
B.Arch. (Indian Institute of  
Technology)  
*Field of Specialization:* Architecture

Charles Thomas Gilman,  
San Luis Obispo, Calif.  
B.Arch. (California State Polytechnic  
College)  
*Field of Specialization:* Architecture

### **Master of Arts**

Four hundred and thirty-four candidates

Goh Abe, Oita Ken, Japan  
B.A. (Seinan Gakuin University)  
*Field of Specialization:* Anthropology

Esther Shapiro Abraham,  
Raanana, Israel  
B.A. (Tel Aviv University)  
*Field of Specialization:* Psychology

Kaye Roudabush Abraham,  
Westerville  
B.S.H.Ed. (Ohio University)  
*Field of Specialization:* Education

Varouj Aram Aivazian,  
Montreal, Que., Canada  
S.B. (Massachusetts Institute of  
Technology)  
*Field of Specialization:* Economics

Carlene Jeanette Alexander, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Paul Leslie Alheim, Newark  
B.A. (Muskingum College)  
*Field of Specialization:* Education

William Pete Allen, Dayton  
B.A. (West Virginia State College)  
*Field of Specialization:* Education

Dale Eugene Anderson, Reynoldsburg  
B.A. (Marietta College)  
*Field of Specialization:* Education

Dorothy Ziemak Anderson, Gahanna  
B.S.Ed.  
*Field of Specialization:* Education

Sister Madeleine J. Anderson, Ashland  
A.B. (Immaculata College)  
*Field of Specialization:* Education

Maureen Arnholt Andrews, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Jane Henry Applegate, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Yasue Aramaki, Takasaki City, Japan  
B.A. (Sophia University)  
*Field of Specialization:* Journalism

Florence Cecilia Archibald, Cincinnati  
B.A. (Notre Dame College) ; M.A.  
(Fordham University)  
*Field of Specialization:* Education

Eleanor Elizabeth Arnold, Cambridge  
B.A. (Capital University)  
*Field of Specialization:* Education

Earnest Charles Atkins, Decatur, Ga.  
B.S. (Georgia State College)  
*Field of Specialization:* Public  
Administration

Juanita Mortimer Baker, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Rodney Eugene Banks, Delaware  
B.S.Ed. (Central State College)  
*Field of Specialization:* Education

Nancy Lee Bannister, Amelia, Va.  
B.S. (Virginia State College)  
*Field of Specialization:* Education

Linda Sue Barnes, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Kathy Hackenberger Barnhill,  
Columbus  
B.S. (University of Nebraska)  
*Field of Specialization:* Education

Brenda Lynn Beach, Canfield  
B.S.Ed.  
*Field of Specialization:* Speech  
Communication

Joetta Henderson Beaver, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

James Larry Beier, Clyde  
B.A. (Saint Joseph's College, Indiana)  
*Field of Specialization:* Political  
Science

Betty Lucille Bell, Columbus  
A.B. (Asbury College)  
*Field of Specialization:* Education

Susan Jane Bender, Canal Winchester  
B.S.Ed.  
*Field of Specialization:* Education

James Norman Bennink, Columbus  
B.S. (Western Michigan University)  
*Field of Specialization:* Physical  
Education

David Leo Berry, Lucas  
B.S.Ed.  
*Field of Specialization:* Education

William John Berutti, Franklin  
A.B. (University of Michigan)  
*Field of Specialization:* Education

Walter Paul Betley, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Debra Grace Bingaman,  
Silver Spring, Md.  
A.B. (Catawba College)  
*Field of Specialization:* Speech  
Communication

Virginia Ann Wisz Black, Westerville  
B.S.Ed.  
*Field of Specialization:* Education

Rita Eder Blejer,  
Mexico, D.F., Mexico  
Licenciado (Universidad Nacional  
Autonoma de Mexico)  
*Field of Specialization:* History of Art

Kathryn Mary Boesch,  
West Bend, Wis.  
B.S. (Wisconsin State University,  
LaCrosse)  
*Field of Specialization:* Physical  
Education

Charles Evans Boltwood,  
Richmond, Va.  
B.A. (University of Richmond)  
*Field of Specialization:* Psychology

Martha Baker Bonar, Granville  
B.S.H.E.  
*Field of Specialization: Education*

Patricia Diane Booker,  
Petersburg, Va.  
B.A. (Virginia State College)  
*Field of Specialization: Education*

Kay Kaiser Borkowski, Athens  
B.Mus. (Indiana University)  
*Field of Specialization: Music*

Richard David Bossart, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Mary Lou Dyer Bowers, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Charlotte Fern Bowman, Columbus  
B.S.Ed. (Ohio University)  
*Field of Specialization: Physical Education*

Margaret Frazier Bowman, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Patricia Rae Braasch, Lakeland, Fla.  
B.S. (Wisconsin State University,  
LaCrosse)  
*Field of Specialization: Physical Education*

Margaret Kleine Breen, Columbus  
B.S. (Northwestern University)  
*Field of Specialization: Education*

Susan Sara Breslow,  
Great Neck, N. Y.  
B.A. (State University of New York,  
Buffalo)  
*Field of Specialization: Journalism*

Danny Lee Brisker, Canal Winchester  
B.S.Ed. (Capital University)  
*Field of Specialization: Education*

Ann Hindman Brown, Columbus  
B.A.Jour.  
*Field of Specialization: Journalism*

\*Diane Paul Brown, Pittsburgh, Pa.  
*Field of Specialization: Speech Communication*

Carol Willis Browne, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Mary Alice Bucher, Columbus  
B.A.  
*Field of Specialization: Journalism*

Timothy Alan Budd, Columbus  
B.S.Ed. (Miami University)  
*Field of Specialization: Education*

Susan Burrows, Worthington  
B.A.  
*Field of Specialization: Public Administration*

Steven Davis Butler, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Paula Marie Byrnett, Columbus  
B.S.Ed. (Miami University)  
*Field of Specialization: Education*

Margaret Likens Byrum, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Carol Burkhart Campbell, Medway  
B.A. (Hiram College)  
*Field of Specialization: Education*

Karen Elaine Carney, Youngstown  
B.S.Ed. (Youngstown State  
University)  
*Field of Specialization: Education*

Donna Fuller Carskadden, Columbus  
B.S.Ed. (Ohio University)  
*Field of Specialization: Education*

Michele Caravella Carter,  
Trenton, N. J.  
B.A. (University of Minneapolis)  
*Field of Specialization: Speech Communication*

Donald Heng Chang, Lawrence, Kan.  
B.A. (National Taiwan University);  
M.A. (University of Nebraska)  
*Field of Specialization: Political Science*

Mary Louise Cibulka, Jamestown  
B.S.Ed. (University of Dayton)  
*Field of Specialization: Education*

Glenda Irene Colton Clark, Berea  
B.S.Ed. (Mansfield State College,  
Pennsylvania)  
*Field of Specialization: Education*

Lorna June Clark, Columbus  
B.A. (Marshall University)  
*Field of Specialization: Education*

Stevenson Williams Close, Jr.,  
Churchville, Md.  
B.S. (Cornell University)  
*Field of Specialization: Education*

Daniel Thomas Comerford, Jr.,  
Buffalo, N. Y.  
B.S. (Canisius College)  
*Field of Specialization: Journalism*

Maureen Teresa Connolly, Columbus  
B.A. (Rosary Hill College)  
*Field of Specialization: Education*

Jean Kibele Cook, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Donald Ross Cope, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Vikki Ann Cornette, Worthington  
B.S.Ed. (Ohio Univeristy)  
*Field of Specialization: Education*

Michael Anthony Cowan, Chicago, Ill.  
B.S. (Loyola University)  
*Field of Specialization: Psychology*

Robert William Crafton, Dayton  
B.S.Ed. (Miami University)  
*Field of Specialization: Education*

Joanne Lucille Walton Craig,  
Columbus  
B.S.Bus.Adm., B.S.Ed.  
*Field of Specialization: Education*

Gretchen Z. Crawford, St. Clairsville  
B.A. (Western College)  
*Field of Specialization: Education*

Anne Katherine Criticos,  
Rochester, N. Y.  
B.A. (State University of New York,  
Brockport)  
*Field of Specialization: Psychology*

W. David F. J. Crosson, Columbus  
A.B. (Shimer College)  
*Field of Specialization: Journalism*

Lauren Lewis Crum, Columbus  
B.S. (University of Illinois)  
*Field of Specialization: Education*

Lornie I. Cunningham, Columbus  
B.S. (Alabama State College)  
*Field of Specialization: Education*

Elbertie Newman Curry, Marion  
B.S. (Rio Grande College)  
*Field of Specialization: Education*

Ruth Ellen Dalezman, Columbus  
B.A.  
*Field of Specialization: Psychology*

Lauren Levy Dank, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Donna York Darlage, Columbus  
B.S. (Ball State University)  
*Field of Specialization: Education*

\*Also Bachelor of Arts, Colleges of the Arts  
and Sciences

Barbara Chabek Davidson, Parma  
B.S.Ed.  
*Field of Specialization*: Speech  
Communication

Robert Alan Davidson, Columbus  
B.M.E. (Westminster Choir College)  
*Field of Specialization*: Music

Richard Anthony DeBrosse, Dayton  
A.B. (Ohio University)  
*Field of Specialization*: Education

John William Dege, Columbus  
B.A. (Macalester College)  
*Field of Specialization*: German

Greta Teresa DeJong, Columbus  
A.B. (Calvin College)  
*Field of Specialization*: Education

Lucia Elizabeth Del Favero,  
Meriden, Conn.  
A.B. (Connecticut College)  
*Field of Specialization*: Psychology

Marlene Lansman Deringer,  
Westerville  
B.A. (Otterbein College)  
*Field of Specialization*: Education

Steven Paul Deringer, Westerville  
B.S. (Otterbein College)  
*Field of Specialization*: Education

Dreamalee Sue Divers, Avon  
B.A. (Mount Union College)  
*Field of Specialization*: Education

William Francis Dobson, Cincinnati  
B.S.J. (Ohio University)  
*Field of Specialization*: Journalism

Diane Marie Dodd, Westlake  
B.S.Ed. (Miami University)  
*Field of Specialization*: Physical  
Education

Lindy Niermann Doles, Columbus  
B.S.Ed.  
*Field of Specialization*: Education

Laurel Siefert Doran, Granville  
B.S.Ed.  
*Field of Specialization*: Education

Mary Kay Dorn, South Solon  
B.S.Ed.  
*Field of Specialization*: Education

Ellen Lyle Douglas, Marion  
B.S.Ed. (Bowling Green State  
University); M.S.  
*Field of Specialization*: Education

Ursula Voellinger Duguid, Cincinnati  
B.A., B.S. (University of Cincinnati)  
*Field of Specialization*: German

Audrey DuPuy, Goldsboro, N. C.  
B.A. (North Carolina College,  
Durham)  
*Field of Specialization*: Journalism

James Faulkner Durham, Berea, Ky.  
B.A. (Berea College)  
*Field of Specialization*: Journalism

Christiane Semirod Edmondson,  
Columbus  
B.S.Ed.  
*Field of Specialization*: Education

Gerald Lee Edwards, Columbus  
R.S.Bus.Adm. (Franklin University)  
*Field of Specialization*: Education

Stephen Moore Eldredge, Columbus  
B.A.  
*Field of Specialization*: Education

Roberta Bender Elliott,  
Oxon Hill, Md.  
B.A.  
*Field of Specialization*: Classics

Genevieve Harvey Eplin,  
St. Albans, W. Va.  
B.S.Ed. (Concord College); M.A.  
(Marshall University)  
*Field of Specialization*: Education

Alan Escovitz, Cleveland Heights  
B.S.Ed. (Ohio University)  
*Field of Specialization*: Education

Dennis Mark Eshbaugh, Dayton  
B.A.  
*Field of Specialization*: Education

Pamela Jean Etsinger, Bucyrus  
B. J. (University of Texas)  
*Field of Specialization*: Journalism

Dian Seslar Ewing, Columbus  
B.S.Ed.  
*Field of Specialization*: Education

Sister Gerald Maureen Fadden,  
Philadelphia, Pa.  
A.B. (Immaculata College)  
*Field of Specialization*: Education

Mary Redmond Fair, Columbus  
B.A.Jour.  
*Field of Specialization*: Journalism

Joan Eileen Fallon, Lawrence, Mass.  
B.A. (Lowell State College)  
*Field of Specialization*: Journalism

Harding Faulk, Tulsa, Okla.  
B.A. (Langston University)  
*Field of Specialization*: Education

Katherine Marie Ficthtl, Quincy, Ill.  
B.A. (Quincy College)  
*Field of Specialization*: Psychology

Iris Brown Fields, Columbus  
B.S.Ed. (Kent State University)  
*Field of Specialization*: Education

Mary Ann Fisher, Cincinnati  
A.B. (Thomas More College)  
*Field of Specialization*: Education

Suzanne Aleta Fisher, Columbus  
A.B. (Vassar College)  
*Field of Specialization*: Music

Michael John Fitsko, Columbus  
B.S.Ed.  
*Field of Specialization*: Education

Norma McGhee Fitz, Columbus  
A.B. (Florida Agricultural and  
Mechanical University)  
*Field of Specialization*: Education

Sister Helen Ann Flemington,  
St. Louis, Mo.  
B.A. (Pontbonne College)  
*Field of Specialization*: Education

Virgil Randall Flora,  
Fort Mitchell, Ky.  
B.S. (Marietta College)  
*Field of Specialization*: Education

Earl Richard Focht, Dayton  
B.A. (Capital University)  
*Field of Specialization*: Physical  
Education

Nancy Beth Cherry Fones, Columbus  
B.S.Ed.  
*Field of Specialization*: Education

Mary Stacy Fraley, Columbus  
B.A. (Saint Augustine's College)  
*Field of Specialization*: Education

Elizabeth Mae Franks,  
Lambertville, N. J.  
B.S. (Trenton State College)  
*Field of Specialization*: Physical  
Education

Thomas Greg Frazier, Columbus  
B.S.Ed.  
*Field of Specialization*: Education

Steven Lewis French, Columbus  
B.S. (John Carroll University);  
B.S.Ed.  
*Field of Specialization*: Education

Donna Sue Moses Friedman,  
Columbus  
B.S.Ed.  
*Field of Specialization*: Education

Gloria Drubin Friedman,  
Yellow Springs  
B.A. (Brandeis University)  
*Field of Specialization*: History of  
Art

Daniel William Fromm, Columbus  
B.A.  
*Field of Specialization: Economics*

Rondi L. George Fry, Muskegon, Mich.  
B.A. (Western Michigan University)  
*Field of Specialization: Education*

Arthur Chester Fulton, Jr.,  
Sanford, N. C.  
B.S. (Fayetteville State Teachers  
College)  
*Field of Specialization: Education*

Mark Louis Gagyi, Columbus  
B.S. (Bowling Green State  
University)  
*Field of Specialization: Education*

Maureen Kearns Garabis, Cleveland  
B.A. (Marygrove College)  
*Field of Specialization: English*

Ethel Terry Garfinkle,  
Shaker Heights  
B.A. (Carnegie-Mellon University)  
*Field of Specialization: Education*

Gary Kenneth Gartin, Columbus  
B.A.  
*Field of Specialization: Political  
Science*

Felicia Menette Gaston,  
Roosevelt, N. Y.  
B.A. (Fisk University)  
*Field of Specialization: Education*

Tom Joseph Gauldin,  
Washington C. H.  
B.S.  
*Field of Specialization: Education*

Marilyn Reiff George,  
South Belmar, N. J.  
B.A. (College Misericordia)  
*Field of Specialization: History of  
Art*

Sister Roxanne Gier, Manitowoc, Wis.  
B.A. (Holy Family College,  
Wisconsin)  
*Field of Specialization: Education*

Jennifer Anne Gille, Topeka, Kan.  
B.A. (University of Kansas)  
*Field of Specialization: Psychology*

Clarinda Gipson, Sibley, La.  
B.A. (Grambling College)  
*Field of Specialization: Journalism*

Mary Harvey Glendenning,  
Springfield  
B.S.Ed. (Ohio University)  
*Field of Specialization: Education*

Gerald Arthur Gochenour, Springfield  
B.S.Ed.  
*Field of Specialization: Education*

Ruth Ellen Goldberg, Hillside, N. J.  
B.A. (Trenton State College)  
*Field of Specialization: Psychology*

Donna Turk Goodman, Mansfield  
B.S.Ed.  
*Field of Specialization: Education*

Dora West Gorey, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Donald E. Grabenstetter, Valley City  
B.A. (University of Dayton)  
*Field of Specialization: Economics*

Delsa Lattimer Grant, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

John William Grashel, Columbus  
B.S.Ed.  
*Field of Specialization: Music*

Cordelia Ann Graves, Westfield, N. J.  
B.S.Ed. (Central State College)  
*Field of Specialization: Physical  
Education*

Charles Robert Grimes, Barnesville  
B.A. (Bob Jones University)  
*Field of Specialization: Education*

Janet Cole Grise, Columbus  
B.S.Ed. (University of Cincinnati)  
*Field of Specialization: Education*

Rickie Sue Grunden, Columbus  
B.S.Ed.  
*Field of Specialization: Physical  
Education*

Carolyn Marie Hagey, Columbus  
B.S.Ed.  
*Field of Specialization: Speech  
Communication*

Frank Robert Haight, Baltimore, Md.  
B.A. (Furman University); M.L.A.  
(Johns Hopkins University)  
*Field of Specialization: Education*

Jane Chrismier Hale, St. Louisville  
A.B. (Colorado State College)  
*Field of Specialization: Education*

A. Laura Vandiver Hall, Columbus  
B.S. (Morris College)  
*Field of Specialization: Education*

Evelyn Larson Hall, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Sharon Duke Hallowes, Columbus, Ga.  
B.S. (North Georgia College)  
*Field of Specialization: Education*

Wayne Edward Hannon, Grove City  
B.S.Ed.  
*Field of Specialization: Education*

Drew Raymond Hansen, Norwich  
B.S.  
*Field of Specialization: Education*

Wanda Miller Harewood, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Mary Huntzinger Hargrove, Columbus  
B.A.Jour.  
*Field of Specialization: Journalism*

Margaret Hitselberger Harmon,  
Columbus  
A.B. (Trinity College)  
*Field of Specialization: Psychology*

Margaret Newhouse Harmon,  
Columbus  
B.S.Ed. (Miami University)  
*Field of Specialization: Education*

Mary Morris Harris, Hilliard  
B.S.Ed.  
*Field of Specialization: Education*

Clyde Eugene Harrison, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Kiyoji Hasegawa, Osaka, Japan  
B.A. (Waseda University)  
*Field of Specialization: Business  
Administration*

Robert Allen Hawkins, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Susan Rae Savage Hearn, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Diane Robinson Heck, Worthington  
B.S. (University of Maine)  
*Field of Specialization: Education*

Dennis Randall Hedges, Columbus  
B.A. (Otterbein College)  
*Field of Specialization: Education*

Larry Lee Heintz, Oak Harbor  
B.S.Agr.  
*Field of Specialization: Agricultural  
Education*

Donald Richard Henne, Columbus  
B.S.Ed.  
*Field of Specialization: Physical  
Education*

Susan Munch Hess, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Shirley deChabert Highfield,  
Portsmouth  
B.S.Ed.  
*Field of Specialization: Education*

Shaun Mark Hirschl, Columbus  
B.S.Ed. (Ohio University)  
*Field of Specialization: Education*

Sister Margaret Mary Hoffman,  
Louisville  
A.B. (College of Saint Francis,  
Illinois)  
*Field of Specialization: English*

Diana Oty Holbrook, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Gary Leon Holland, Baltimore, Md.  
B.A. (Morgan State College)  
*Field of Specialization: Public  
Administration*

Nicki Giacomo Holloway, Columbus  
B.A. (Mississippi State College for  
Women)  
*Field of Specialization: Sociology*

David Gene Hoover, Columbus  
B.S.Ed.  
*Field of Specialization: Political  
Science*

William George Hospodar,  
Sagamore, Pa.  
B.S. (Indiana University of  
Pennsylvania)  
*Field of Specialization: Education*

Beverly Ace Hotze, Westerville  
B.S.Ed. (Otterbein College)  
*Field of Specialization: Education*

Larry Gene Howes, Lakewood  
B.S.Ed.  
*Field of Specialization: Music*

William David Hughes, Columbus  
B.S.Ed. (Bowling Green State  
University)  
*Field of Specialization: Education*

Charles James Hunter, Columbus  
B.S.  
*Field of Specialization: Physical  
Education*

Gerald Anthony Huss, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Janette Pat Burton Huss, Columbus  
B.S.Ed. (Ohio University)  
*Field of Specialization: Speech  
Communication*

Donna Kay Iden, Newark  
B.S. in Ed. (Muskingum College)  
*Field of Specialization: Education*

Ann Ferguson Imbody, Marion  
B.S.Ed.  
*Field of Specialization: Education*

Deborah Gwin Ingraham, Wadsworth  
B.M. (University of Akron)  
*Field of Specialization: Music*

Helayna Theresa Iwani, Roslyn, N. Y.  
B.A.  
*Field of Specialization: History of  
Art*

Karen Summers Jayne, Westerville  
B.S. in Ed. (Otterbein College)  
*Field of Specialization: Education*

Arthur Bridges Jefferson, Jr.,  
Baton Rouge, La.  
B.S. (Southern University)  
*Field of Specialization: Education*

Ben Robert Jinks, Columbus  
B.S.Ed. (Ohio University)  
*Field of Specialization: Education*

Albert Neil Johnson, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Sally Louise Johnston,  
New Philadelphia  
B.M.E. (Baldwin-Wallace College)  
*Field of Specialization: Music*

Lillian Dolan Jonassen, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Alan David Jones, Grove City  
B.S.Ed.  
*Field of Specialization: Education*

Bruce William Jones, Grove City  
B.S.Ed.  
*Field of Specialization: Education*

Barbara Phillips Juliussen, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Gregory L. Karam, Cincinnati  
B.S.Bus.Adm.  
*Field of Specialization: Public  
Administration*

Julia Holton King, Columbus  
B.A. (Miami University)  
*Field of Specialization: Education*

Alexandra Kizinski, Providence, R. I.  
B.S. (Saint Louis University);  
M.A.T. (Rhode Island College)  
*Field of Specialization: Education*

Boyd Edwin Klinker, Jr., Lancaster  
B.S.B.A. (Capital University)  
*Field of Specialization: Business  
Administration*

Beverly Belair Knott, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Maryanne Frances Koschir,  
Richmond Hill, N. Y.  
B.A. (LeMoyne College)  
*Field of Specialization: Psychology*

Robert Gary Kozel, Cleveland  
B.S. in B.A. (Marquette University)  
*Field of Specialization: Journalism*

James Walter Kristoff, Columbus  
B.S. in B.A. (John Carroll  
University)  
*Field of Specialization: Business  
Administration*

Helen Louise Kropscott,  
Midland, Mich.  
B.A. (Adrian College)  
*Field of Specialization: Speech  
Communication*

Michael Francis Kukla, Cleveland  
B.A. (Cleveland State University)  
*Field of Specialization: Economics*

Linda Joyce Seymour Lambert,  
Fredericktown  
B.S.Ed.  
*Field of Specialization: Education*

Kathleen McDargh Lane, Columbus  
B.S.Ed. (Miami University)  
*Field of Specialization: Physical  
Education*

Roland Irvin Lane, Columbus  
A.B. (Asbury College)  
*Field of Specialization: Education*

Richard Warren Lang, Wausau, Wis.  
B.A. (Saint Olaf College)  
*Field of Specialization: Economics*

William Alin Lawrence,  
Indianapolis, Ind.  
B.S.Ed. (Central State College)  
*Field of Specialization: Education*

Linda Lou Michael Lehman, Columbus  
B.S. (Wright State University)  
*Field of Specialization: Education*

Elizabeth Lowey Lehnert, Columbus  
B.S. in Ed. (Ohio Dominican College)  
*Field of Specialization: Education*

Linda Thoms Levstik, Columbus  
B.S. in Ed. (Capital University)  
*Field of Specialization: Education*

Marc Allen Lindberg, Duluth, Minn.  
B.A. (University of Minnesota,  
Duluth)  
*Field of Specialization: Psychology*

Dean Richard Lindsay, Richwood  
B.S.Med.illus.  
*Field of Specialization: Design*

Ethel Edmundson Lineberger,  
Seat Pleasant, Md.  
A.B. (North Carolina College  
at Durham)  
*Field of Specialization:* Education

Wendell Wayne Litt, Fredericktown  
B.S.Agr.  
*Field of Specialization:* Agricultural  
Education

Paula Boron Lohnes, Orrville  
B.S.Ed. (Miami University)  
*Field of Specialization:* Physical  
Education

Pauline Mary Lokuta, Clark, N. J.  
B.A. (Newark State College)  
*Field of Specialization:* Physical  
Education

David Henry Looman, Canton  
A.B. (Columbia University)  
*Field of Specialization:* Philosophy

Alan Tunis Lord, Columbus  
B.S.Bus.Adm.  
*Field of Specialization:* Business  
Administration

Irene Hamilton Lund, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Trudy Mann Lusher,  
Canal Winchester  
B.S.Ed.  
*Field of Specialization:* Education

Lynn Eva Chambers Lust, Columbus  
B.S.Ed. (Ohio University)  
*Field of Specialization:* Education

Don Richard Lutz, Columbus  
B.Mus.Ed. (Otterbein College)  
*Field of Specialization:* Music

Carol Snashall Mackey, Grove City  
B.S.Ed.  
*Field of Specialization:* Education

Randall John Mackie,  
Grand Haven, Mich.  
A.B. (University of Michigan)  
*Field of Specialization:* Romance  
Languages

Susan Ann Manker, Canal Winchester  
B.S.Ed. (Capital University)  
*Field of Specialization:* Education

Fred Gordon Marshall, Kirkwood, Mo.  
B.A. (University of Wisconsin)  
*Field of Specialization:* Journalism

John Augustine Martin, III,  
Hingham, Mass.  
B.S. (Springfield College)  
*Field of Specialization:* Physical  
Education

Michelle Ann Mason, Monticello, N.Y.  
B.A. (University of Bridgeport)  
*Field of Specialization:* Education

Gloria C. Massenburg,  
Petersburg, Va.  
B.A. (Saint Augustine's College)  
*Field of Specialization:* Education

Margaret Jean Mastalerz,  
Charleston, W. Va.  
B.S.Bus.Ad. (West Virginia  
University)  
*Field of Specialization:* Journalism

Bonnie Hummel Matthews,  
Worthington  
B.S. (Bowling Green State  
University)  
*Field of Specialization:* Speech  
Communication

Velma Boerger Matuszewski, Anna  
A.B. (College of Mount Saint Joseph  
on-the-Ohio)  
*Field of Specialization:* Education

Emogene Mayper, Columbus  
B.S.Ed. (Ohio University)  
*Field of Specialization:* Education

Jerry Lee McAfee, Columbus  
B.S.Ed.  
*Field of Specialization:* Music

Willie James McCaslin, Dayton  
B.S.Ed. (Central State University)  
*Field of Specialization:* Education

Edwin P. McClain, Jr., Columbus  
B.A.  
*Field of Specialization:* Political  
Science

Sandra LaBlonde McClairne,  
West Helena, Ark.  
B.A. (Jackson State College)  
*Field of Specialization:* Journalism

Richard DeWayne McClellan,  
Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Phillip Brenton McCluggage,  
Coshocton  
B.A. (Ohio Wesleyan University)  
*Field of Specialization:* Education

Nancy Jane McCormick, Columbus  
B.S.Ed. (Muskingum College)  
*Field of Specialization:* Education

Joan Root McElheny, Hilliard  
B.S.Ed.  
*Field of Specialization:* Education

George Steven McGuire, Marion  
B.A.  
*Field of Specialization:* Classics

Joseph Patrick McKerns,  
South Bend, Ind.  
B.A. (University of Notre Dame)  
*Field of Specialization:* Journalism

Mary Elizabeth McLaughlin,  
Columbus  
B.S. (Capital University)  
*Field of Specialization:* Education

Michael Joseph McLeod, Columbus  
A.B. (Ohio Dominican College)  
*Field of Specialization:* Journalism

Charles L. McNair, La Grange, Ga.  
B.S. (Tougaloo College)  
*Field of Specialization:* Education

Jacqueline Louise McNeil, Columbus  
B.S.Ed. (Knoxville College)  
*Field of Specialization:* Education

Saundra Sue Mendenhall, Columbus  
B.S.Ed. (Central State College)  
*Field of Specialization:* Education

Robyn Ann Meyer, Onocida, N. Y.  
B.S. (State University College,  
Oswego, New York)  
*Field of Specialization:* Education

Rollin McNamara Michael, Delaware  
B.S.Ed. (Capital University)  
*Field of Specialization:* Physical  
Education (Health Education)

Bette Speziale Miller,  
State College, Pa.  
B.S.Ed.  
*Field of Specialization:* Physical  
Education (Health Education)

Bruce Rowland Miller, Mansfield  
B.S.Ed.  
*Field of Specialization:* Music

Jerry Lynn Miller, Lexington  
B.S.Ed.  
*Field of Specialization:* Education

Penny Lee Miller, Miami Beach, Fla.  
B.S. (University of Missouri at  
Columbia)  
*Field of Specialization:* Physical  
Education

Russell Allen Miller, Columbus  
B.A. (Bradley University); M.C.P.  
*Field of Specialization:* Public  
Administration

Chester Hayden Mohler, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Thomas L. Mooney, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Cheryl Frances Moore, Columbus  
B.S.J. (Ohio University)  
*Field of Specialization: Journalism*

Sandra Irwin Morgan, Columbus  
B.S. (Middle Tennessee State University)  
*Field of Specialization: Education*

Pete MacIntosh Murchison,  
Falls Church, Va.  
B.A. (University of Texas)  
*Field of Specialization: Political Science*

Adrienne Viola Neal, Columbus  
B.S.Ed. (Chicago State University)  
*Field of Specialization: Education*

Peggy Ellen Nemeth, Chagrin Falls  
B.S.Ed.  
*Field of Specialization: Education*

Marvin Albert Neubig, Loudonville  
B.S.Ed.  
*Field of Specialization: Education*

Don Leslie Neumann, Marion  
B.S.Ed.  
*Field of Specialization: Education*

Thomas William Nightingale,  
Middleville, N. Y.  
B.S. (University of Cincinnati)  
*Field of Specialization: Physical Education*

Carol Finkler Novak, Columbus  
A.B. (Hunter College)  
*Field of Specialization: Education*

Sister Mary Ann Nugent, Columbus  
B.A. (Holy Family College,  
Wisconsin)  
*Field of Specialization: Education*

Joseph Oddo, Newton Square, Pa.  
A.B. (Saint Joseph College,  
Pennsylvania)  
*Field of Specialization: History*

Lawrence Okey Onyejekwe,  
Onitsha, Nigeria  
B.A. (University of Nigeria)  
*Field of Specialization: Journalism*

Paul John Oosting,  
Grand Rapids, Mich.  
A.B., A.B.Ed. (Calvin College)  
*Field of Specialization: German*

Charles Franklin Ottinger,  
Nashville, Tenn.  
B.A. (David Lipscomb College)  
*Field of Specialization: Speech Communication*

Roberta Jean Otto, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Mary Beth Overcash, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Allan Bruce Padderud, Chicago, Ill.  
A.B. (University of Illinois)  
*Field of Specialization: Speech Communication*

Susan Maxwell Panny, Columbus  
B.A. (Paterson State College)  
*Field of Specialization: Education*

Terri Goldberg Paul, Columbus  
A.B. (Washington University)  
*Field of Specialization: English*

Charles Allen Peckham, Rantoul, Kan.  
B.A. (Washburn University of  
Topeka)  
*Field of Specialization: History*

Julie McAlister Pecko, Columbus  
B.A. (Capital University)  
*Field of Specialization: Education*

Mary Ruff Perdue, Atlanta, Ga.  
B.S. (University of Georgia)  
*Field of Specialization: Speech Communication*

Ralph Lorin Pim, Akron  
B.S. (Springfield College)  
*Field of Specialization: Physical Education*

Cecilia Anne Pinkerton, Columbus  
B.A. (Ohio University)  
*Field of Specialization: Psychology*

Louise Bourbeau Poirier,  
Charlesbourg, Que., Canada  
B.A. (Université Laval)  
*Field of Specialization: Art Education*

Gail Laverne Porter, Loudonville  
B.S.Ed. (Kent State University)  
*Field of Specialization: Education*

Martha Jane Posner, Fairport, N. Y.  
B.S. (State University of New York,  
Brookport)  
*Field of Specialization: Physical Education*

Agnes Whittington Potect,  
Canal Winchester  
B.S.Ed.  
*Field of Specialization: Education*

Carol Henshaw Pranjich, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Cynthia Ann Prendergast,  
Fort Dodge, Ia.  
B.S. (Iowa State University of  
Science and Technology)  
*Field of Specialization: Journalism*

Janet Samolis Province, Lancaster  
B.S.Ed.  
*Field of Specialization: Education*

Margaret Barenthin Pyron,  
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B.S. (Wisconsin State University)  
*Field of Specialization: Education*

Donnie Lee Rader, Garber, Okla.  
B.S. (Northwestern State College)  
*Field of Specialization: Education*

Dorothy Lavern Rainey, Ocilla, Ga.  
B.S. (Albany State College)  
*Field of Specialization: Education*

Marcia Jayne Penny Ramm, Akron  
B.S.Ed.  
*Field of Specialization: Education*

Frederick Earl Ramsey,  
Glens Falls, N. Y.  
B.S. (Alabama State College)  
*Field of Specialization: Education*

Stephen James Ramsey, Orient  
B.S.Ed.  
*Field of Specialization: Education*

Kummi Ranjit, New Delhi, India  
B.S. (University of Wyoming)  
*Field of Specialization: Journalism*

Ayers Ray Ratliff, Marion  
B.S.Ed.  
*Field of Specialization: Education*

James Arthur Ravan, Jr., Akron  
B.Mus.  
*Field of Specialization: Music*

Rebecca Ann Reed, Columbus  
B.A. (Miami University)  
*Field of Specialization: Journalism*

John William Reese, Norman, Okla.  
B.A. (University of Oklahoma)  
*Field of Specialization: English*

Brenda Christine Rensi, Columbus  
B.S.Ed. (Ohio University)  
*Field of Specialization: Education*

Ernest Samuel Rensi, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

John Robert Rice, Columbus  
B.S.Ed.  
*Field of Specialization: Education*



Edna Hipsher Richards, Willard  
B.S. (Otterbein College)  
*Field of Specialization:* Education

Catherine Ruth Rickel, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Alma Jolley Riley, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Kathryn Helene Ripley,  
Livingston, N. J.  
B.A. (University of New Hampshire)  
*Field of Specialization:* Education

Carol Petuch Rissanen, Columbus  
B.S. (Marietta College)  
*Field of Specialization:* Education

Patricia Wise Ritter, Columbus  
B.A. (University of Virginia,  
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*Field of Specialization:* Speech  
Communication

Blaine Montgomery Roberts,  
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B.A. (University of Southern  
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*Field of Specialization:* Psychology

Michael Lester Rose, Columbus  
B.A. (Miami University)  
*Field of Specialization:* Public  
Administration

Thomas Rutledge Rosebrough,  
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B.A.  
*Field of Specialization:* Education

Barbara Lynn Ross, Zanesville  
B.Mus. (Capital University)  
*Field of Specialization:* Music

Melinda Laurel Ross, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Ann Weise Ruedeale, Worthington  
A.B. (West Virginia University)  
*Field of Specialization:* Education

Aldena Ann Shato Runyan, Delaware  
B.S.-El.Ed. (Rio Grande College)  
*Field of Specialization:* Education

Steven Neal Russell, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Sister Pamela Ann Russo,  
Bronx, N. Y.  
B.S. (Good Counsel College)  
*Field of Specialization:* Education

Joan Sagotsky, Freehold, N. J.  
A.B. (Cornell University)  
*Field of Specialization:* Education

Louise Janet Samaha,  
Plymouth, N. H.  
B.S. (Plymouth State College)  
*Field of Specialization:* Physical  
Education

Kathryn Rofkahr Sanders, Columbus  
B.A. (Holy Family College,  
Wisconsin)  
*Field of Specialization:* Education

Janice Ruth Sandiford, Columbus  
B.S.Nurs.  
*Field of Specialization:* Education

Stephen Craig Sawyer,  
Stanford, Conn.  
B.S. (Southern Connecticut State  
College)  
*Field of Specialization:* Physical  
Education (Health Education)

Mary Brown Schilling, Columbus  
B.Mus.Ed.  
*Field of Specialization:* Music

Madelyn Aleen Schlaepfer,  
Wheatridge, Colo.  
B.A. (University of Colorado)  
*Field of Specialization:* Psychology

Daniel K. Schneider, Kettlersville  
B.A. (Wittenberg University);  
M.S.T. (Drake University)  
*Field of Specialization:* History

Larry Anton Schoch, Wausau, Wis.  
B.S. (Wisconsin State College)  
*Field of Specialization:* Education

Amy Sabroske Schubeck, Findlay  
B.S.Ed.  
*Field of Specialization:* Education

Maxine Cunningham Scott, Coshocton  
B.S.Ed.  
*Field of Specialization:* Education

Keith Franklin Sellers, Columbus  
B.A. (Anderson College)  
*Field of Specialization:* Education

Linda Shapiro Semple, Reynoldsburg  
B.S.S.S. (Ohio University); B.S.Ed.  
*Field of Specialization:* Education

Nancy Geiger Shafer, Columbus  
B.S. (Capital University)  
*Field of Specialization:* Education

Sandra Laranell Shands, Dayton  
B.S.Ed. (Wilberforce University)  
*Field of Specialization:* Education

Peter Lazarus Shinbach, Columbus  
B.A. (Miami University)  
*Field of Specialization:* Journalism

Jane Mahler Sieuro, Columbus  
B.S.H.E.  
*Field of Specialization:* Education

Arthur Joseph Signore, Jr.,  
Worthington  
B.S.Ed.  
*Field of Specialization:* Physical  
Education

David Durell Simpson,  
Williamsville, N. Y.  
A.B. (Oberlin College)  
*Field of Specialization:* Psychology

James Eugene Sinden, Marion  
B.A. (Ohio Northern University)  
*Field of Specialization:* Education  
Ruth Rolt-Wheeler Skidmore,  
Marysville  
B.A. (Denison University)  
*Field of Specialization:* Education

David Lee Slager, Lancaster  
B.S.Ed.  
*Field of Specialization:* Physical  
Education

Sheila Smith Sledge, Lynchburg, Va.  
B.S. (Madison College)  
*Field of Specialization:* Education

Nancy Elaine Small, Columbus  
B.S.Ed. (Capital University)  
*Field of Specialization:* Education

Gwendolyn Juanita Smith, Columbus  
B.S. (Bluefield State College)  
*Field of Specialization:* Education

Jessica Faye Smith, Ypsilanti, Mich.  
B.S.Ed.  
*Field of Specialization:* Education

Mary Jo Fetter Smith, Columbus  
B.A. (Otterbein College)  
*Field of Specialization:* Education

Robert James Smith, Tallahassee, Fla.  
B.A. (Florida Agricultural and  
Mechanical University)  
*Field of Specialization:* Psychology

Taylor Smith, Jr., Columbus  
B.S. (Kentucky State College)  
*Field of Specialization:* Education

Jack Benny Sopher, Columbus  
B.S.Ed. (Wilberforce University)  
*Field of Specialization:* Education

David Lewis Spitler, Columbus  
B.A. (Capital University)  
*Field of Specialization:* Education

Michael William Stanich, Columbus  
B.A.  
*Field of Specialization:* Education

David Lawrence Stanley, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

- Geralda E. Stanton, Columbus  
B.S. (University of Minnesota,  
Minneapolis)  
*Field of Specialization: Music*
- JoAnn LaMuth Stearns, Columbus  
B.S.Ed.  
*Field of Specialization: Education*
- Rainer Erich Steinhoff, Columbus  
B.A., M.A.  
*Field of Specialization: Journalism*
- C. William Steinmetz, Columbus  
B.A. (Don Bosco College)  
*Field of Specialization: Physical  
Education*
- Mary Kirker Stenner, Columbus  
B.S.Ed.  
*Field of Specialization: Education*
- John Richard Stephens, Marysville  
B.S.Ed.  
*Field of Specialization: Journalism*
- Jewel Hope Stewart, Petersburg, Va.  
B.A. (Morgan State College)  
*Field of Specialization: Education*
- Gary Wayne Stith, Tulsa, Okla.  
B.A. (Oklahoma State University);  
M.C.P.  
*Field of Specialization: Public  
Administration*
- Randall Robert Stith, Columbus  
B.A. (Miami University)  
*Field of Specialization: Speech  
Communication*
- Haskel Paul Stone, Jr., Newark  
B.S. (West Virginia State College)  
*Field of Specialization: Education*
- Lennie Jeanette Stoner, Columbus  
B.A. (Grove City College)  
*Field of Specialization: Education*
- Marion Virginia Stoops, Columbus  
A.B. (Monmouth College)  
*Field of Specialization: English*
- Sandra Lybarger Strauch, Columbus  
B.S. in Ed. (Miami University)  
*Field of Specialization: Education*
- Steven White Straw, Salt Lake City, Utah  
B.S. (University of Utah)  
*Field of Specialization: Business  
Administration*
- Walter Louis Sunderhaus, Cincinnati  
B.S.Ed.  
*Field of Specialization: Physical  
Education*
- Joan Carol Swinehart, Columbus  
A.B. (Heidelberg College)  
*Field of Specialization: Education*
- Linda Lou Tallman, Columbus  
B.S.Ed.  
*Field of Specialization: Education*
- James Edwin Taylor, Steubenville  
B.S.Ed. (Bowling Green State  
University)  
*Field of Specialization: Education*
- Sylvia Moore Thompson, Columbus  
B.S. (University of Cincinnati)  
*Field of Specialization: Education*
- Thomas Eugene Thorpe, Springfield  
B.S.Bus.Adm.  
*Field of Specialization: Public  
Administration*
- Judy Ann Thurman, Lancaster  
B.S.Ed. (Ohio University)  
*Field of Specialization: Education*
- Thelma Jean Brookins Tippet,  
Chaucney  
B.S.Ed. (Ohio University)  
*Field of Specialization: Education*
- Frank Allen Titus, Pomeroy  
B.A.  
*Field of Specialization: Journalism*
- Richard Erick Torres, Columbus  
B.S.Ed.  
*Field of Specialization: Education*
- Arvo Wayne Toukonen, Jefferson  
B.S., B.S.Ed.  
*Field of Specialization: Education*
- Kenneth Wilton Town, Middlefield  
B.A. (Michigan State University)  
*Field of Specialization: Political  
Science*
- Bruce Homer Traub, Seattle, Wash.  
B.S.L. (Mountain View Bible  
College); B.A. (Seattle Pacific  
College)  
*Field of Specialization: Psychology*
- Betty Bell Tryon, Columbus  
B.S.Ed.  
*Field of Specialization: Education*
- Thomas Gerard Typrowicz, Columbus  
B.S.Ed.  
*Field of Specialization: Physical  
Education*
- Nancy Jane Tyson,  
Huntington, W. Va.  
B.A. (Marshall University)  
*Field of Specialization: English*
- Geraldine Kloos Van Horn,  
Pittsburgh, Pa.  
B.A. (Carnegie-Mellon University)  
*Field of Specialization: English*
- Carmen Judith Velez,  
Rio Piedras, Puerto Rico  
B.A. (University of Puerto Rico)  
*Field of Specialization: Journalism*
- Pete Joseph Veneziano, Marion  
B.S. (Salem College, West Virginia)  
*Field of Specialization: Education*
- John Ray Venters, Columbus  
B.A.Jour.  
*Field of Specialization: Journalism*
- Donald Bradford Vitz, Cincinnati  
B.A. (Macalester College)  
*Field of Specialization: Public  
Administration*
- Renate Langwald Voris, Columbus  
B.A.  
*Field of Specialization: German*
- Elaine LaFontaine Wagner, Carey  
B.A., B.S.Ed.  
*Field of Specialization: History*
- George David Wainer, Columbus  
B.S. (Kent State University)  
*Field of Specialization: Education*
- Jacqueline Walbolt, Columbus  
B.S. (Eastern Michigan University)  
*Field of Specialization: Education*
- Joseph Anthony Waldron, Columbus  
B.A. (State University of New York  
College at Buffalo)  
*Field of Specialization: Psychology*
- Michael Thomas Walker, Columbus  
B.S.Ed. (Ohio University)  
*Field of Specialization: Education*
- Patricia Ann Walker, Rochester, N. Y.  
B.A. (Seton Hill College)  
*Field of Specialization: Speech  
Communication*
- Sharon Anita Walker, Lexington, Ky.  
B.A. (Kentucky State College)  
*Field of Specialization: Education*
- John Reed Walton, Bellefontaine  
B.S.Bus.Adm.  
*Field of Specialization: Business  
Administration*
- Barbara Ritchie Weaver, Columbus  
B.S.Ed.  
*Field of Specialization: Education*
- Audrey Beatrice Weeks, Columbus  
B.S.Ed.  
*Field of Specialization: Education*
- Ann Marie Weiss, Cleveland Heights  
B.A. (Saint Marys College, Indiana)  
*Field of Specialization: English*
- Douglas Whitaker, Centerburg  
B.S. (Cumberland College)  
*Field of Specialization: Education*

Geneva Lorine White, Columbus  
B.S.Ed.

*Field of Specialization:* Education

Samuel Lee White, Natchez, Miss.  
B.A. (Jackson State College)  
*Field of Specialization:* Political  
Science

Sandra Jeanne White, Columbus  
B.A., B.S.Ed.

*Field of Specialization:* Classics

Thomas Lynn White, Columbus  
B.S.Ed.

*Field of Specialization:* Education

Susan Louise Wilcoxon, Columbus  
B.S. in Edu. (Muskingum College)

*Field of Specialization:* Education

Cheryl Lucile Wilkins, Columbus  
B.A. (Ohio Dominican College)

*Field of Specialization:* Education

Reginald Alan Wilkinson, Cleveland  
B.A.

*Field of Specialization:* Education

Iris Pearl Williams, Norfolk, Va.  
B.A. (Norfolk State College)

*Field of Specialization:* Education

James Arthur Williams, Sr.,  
Washington, D. C.

B.S. (District of Columbia Teachers  
College)

*Field of Specialization:* Education

Thomas Albert Williams, Thornville  
A.B. (Morehead State College)

*Field of Specialization:* Education

Lawrence Lattimer Willis, Columbus  
B.A. (College of Wooster)

*Field of Specialization:* Education

Deborah Jane Wilson, Vientiane, Va.  
B.S. (Madison College)

*Field of Specialization:* Physical  
Education

Alice Patrie Wing, Columbus  
B.A. (University of Dubuque);  
B.S.Ed.

*Field of Specialization:* Physical  
Education

Paul Henry Winters, Columbus  
B.S.Ed. (Ohio University)  
*Field of Specialization:* Education

Edward J. Witaszek,  
New York Mills, N. Y.  
B.A. (State University of New York,  
Albany)  
*Field of Specialization:* Slavic  
Languages

Mitchell Jay Wolf, Levittown, N. Y.  
B.A. (State University of New York  
College at Cortland)

*Field of Specialization:* Education

Mary Jenette Wolford, Columbus  
B.S.Ed. (Ohio University)

*Field of Specialization:* Education

Wai-Leung Wong, Hong Kong  
B.A. (New Asia College); M.S.  
(Oklahoma State University)  
*Field of Specialization:* East Asian  
Languages

Marlene Mossberger Woodfill,  
Columbus

B.S.Ed.  
*Field of Specialization:* Physical  
Education (Health Education)

Saundra Kay Woodruff, Albany  
B.S.Ed.

*Field of Specialization:* Speech  
Communication

Teretha Ann Woods, Columbus  
B.S.Ed. (Central State College)

*Field of Specialization:* Education

Timothy Warren Workman, Ashland  
B.M. (Ashland College)

*Field of Specialization:* Music

Glenda Sharp York, Columbus  
B.S. (Middle Tennessee State College)

*Field of Specialization:* Education

Judith Safstrom Zang, Columbus  
B.Mus.Ed.

*Field of Specialization:* Music

Anne Carter Ely Zimmer, Columbus  
A.B. (Vassar College)

*Field of Specialization:* Speech  
Communication

Jeanne Wiegand Zingale, Columbus  
B.A. (Capital University)

*Field of Specialization:* Theatre

## **Master of Business Administration**

Twenty candidates

Scott Louis Armstrong, Columbus  
B.S.Bus.Adm.

*Field of Specialization:* Business  
Administration

Robert Casmer Banasik, Columbus  
B.S.M.E. (Wayne State University);  
M.S. in Ind. Engr. (Texas  
Technological College)  
*Field of Specialization:* Business  
Administration

John Garfield Burt, Louisville, Ky.  
B.A. (Hanover College); M.S. (Miami  
University); M.S., Ph.D.

*Field of Specialization:* Business  
Administration

Glenn Clark Christenson, Clinton  
B.A. (Wittenberg University)

*Field of Specialization:* Business  
Administration

Charles William Claggett, Newark  
B.A. (Denison University)

*Field of Specialization:* Business  
Administration

Robert Donald Clegg, Pickerington  
B.S.I.E.

*Field of Specialization:* Business  
Administration

Roger Dean Drummond, Columbus  
B.S.E. (E.E.) (University of  
Michigan); M.S.

*Field of Specialization:* Business  
Administration

Philip Eugene Eggers, Akron  
B.S., M.S.

*Field of Specialization:* Business  
Administration

Richard Frederick Garvin,  
Charlestown, Mass.

B.S. in Ch.E. (Northeastern  
University)  
*Field of Specialization:* Business  
Administration

Greg Lynn Gile, Derby, Kan.  
B.B.A. (Wichita State University)  
*Field of Specialization:* Business  
Administration

Charles Rollin Gowen, III,  
Rochester, N. Y.  
B.S. (University of Rochester)  
*Field of Specialization:* Business  
Administration

David Alvin Haring, Columbus  
B.S. (Baldwin-Wallace College)  
*Field of Specialization:* Business  
Administration

John Anthony Hayek, Seven Hills  
B.S.Bus.Adm.  
*Field of Specialization:* Business  
Administration

Miles Martin Kreider, Columbus  
B.S. (Indiana University)  
*Field of Specialization:* Business  
Administration

Richard Allen Langley, Dayton  
B.S.Bus.Adm.  
*Field of Specialization:* Business  
Administration

Michael Fook-Chuen Mak,  
Kowloon, Hong Kong  
B.B.A. (University of Oregon);  
M.Acc.  
*Field of Specialization:* Business  
Administration

Joseph Michael Motil, Columbus  
B.S.Ed., B.S.Bus.Adm.  
*Field of Specialization:* Business  
Administration

Walter William Stasik, Mt. Vernon  
B.S. (Pennsylvania State University)  
*Field of Specialization:* Business  
Administration

Mark Christopher Sutterley,  
Columbus  
B.S.Bus.Adm.  
*Field of Specialization:* Business  
Administration

Robert Howard Zerbst, Columbus  
B.A. (Miami University); M.A.  
*Field of Specialization:* Business  
Administration

#### Master of City Planning

Twelve candidates

Homer Ray Baskin, II, Lancaster  
B.A.  
*Field of Specialization:* City and  
Regional Planning

Bruce Edward Burns, Columbus  
B.A.  
*Field of Specialization:* City and  
Regional Planning

Arnold Jeffery Clebone, Columbus  
B.A.  
*Field of Specialization:* City and  
Regional Planning

Charles Earl Crook, Jr., Columbus  
B.A. (Wittenberg University)  
*Field of Specialization:* City and  
Regional Planning

Henry D'Antonio, Wharton, N. J.  
B.A.Arch. (Ohio University);  
M.Arch.  
*Field of Specialization:* City and  
Regional Planning

James Gregory Gannon,  
Elizabeth, N. J.  
A.B. (Lafayette College)  
*Field of Specialization:* City and  
Regional Planning

Clyde Willis Gaston, Columbus  
B.A. (College of Wooster)  
*Field of Specialization:* City and  
Regional Planning

Michael Barnard Hobbs, Columbus  
B.S.Arch., M.A.  
*Field of Specialization:* City and  
Regional Planning

Timothy Lee Horn, Columbus  
B.A.  
*Field of Specialization:* City and  
Regional Planning

Lawrence Andrew Kuzila,  
Youngstown  
B.S. (Wheeling College); M.A.  
*Field of Specialization:* City and  
Regional Planning

Richard E. Rising, Springfield, Mass.  
B.A. (Baldwin-Wallace College)  
*Field of Specialization:* City and  
Regional Planning

Thomas James Schultz, Bay Village  
B.A. (Bowling Green State  
University)  
*Field of Specialization:* City and  
Regional Planning

#### Master of Fine Arts

Six candidates

Michael Anthony Brun, Columbus  
B.S.Ed.  
*Field of Specialization:* Fine Arts  
(Graphics)

Gary Scott McDade, Columbus  
B.A. (University of Washington)  
*Field of Specialization:* Theatre

John Richard Newton,  
Indianapolis, Ind.  
B.F.A. (Herron School of Art)  
*Field of Specialization:* Fine Arts  
(Painting)

Diane Di Giammarino Schwenker,  
Waynesboro, Pa.  
B.S.Ed. (Indiana University of  
Pennsylvania); M.A.  
*Field of Specialization:* Fine Arts  
(Graphics)

Robert Charles Tauber,  
East Orange, N. J.  
B.F.A. (Denison University)  
*Field of Specialization:* Fine Arts  
(Graphics)

Vernon Emerson Will, Columbus  
B.F.A.  
*Field of Specialization:* Fine Arts  
(Graphics)

#### Master of Music

Two candidates

David Walter Kimball, Columbus  
B.S.Ed.  
*Field of Specialization:* Music

Richard Adams Patton, Columbus  
B.S. (State University of New York,  
Potsdam)  
*Field of Specialization:* Music

#### Master of Science

Two hundred and twenty-seven candidates

Lowell William Adams,  
Mt. Crawford, Va.  
B.S. (Virginia Polytechnic Institute)  
*Field of Specialization:* Zoology

Ahmed Mohammad Al-Jumaily,  
South Bend, Ind.  
B.S. (University of Baghdad, Iraq)  
*Field of Specialization:* Mechanical  
Engineering

Carl Joseph Arbes, Conway, Pa.  
B.S. (Geneva College); B.S. in Met.E.,  
M.S. (University of Pittsburgh)  
*Field of Specialization:* Metallurgical  
Engineering

Clarence Arnold, Cleveland  
B.S. (Cleveland State University)  
*Field of Specialization:* Mathematics

Peter Wainin Au,  
Kowloon, Hong Kong  
B.S.E. (National Taiwan University)  
*Field of Specialization:* Civil  
Engineering

Mary Susan Averill, Columbus  
B.S.Ed.  
*Field of Specialization:* Natural  
Resources

Susan Boley Banks, Columbus  
B.S. (Florida State University)  
*Field of Specialization:* Nursing

Russell Eugene Barefoot,  
Osterburg, Pa.  
B.S. (Delaware Valley College of  
Science and Agriculture)  
*Field of Specialization:* Animal  
Science

Russell Kirby Barrick, Jr., Johnstown  
B.S.Agr.  
*Field of Specialization:* Agricultural  
Education

Betty Miller Bartlett, Columbus  
B.S. (Northwestern University)  
*Field of Specialization:* Home  
Economics

James George Beasley, Seaman  
B.S.C.E.

*Field of Specialization:* Civil  
Engineering

Mitchell Wade Becker,  
Rutherford, N. J.  
B.S.C.E.

*Field of Specialization:* Civil  
Engineering

Daniel James Belton, Columbus  
B.S.Cer.E.

*Field of Specialization:* Ceramic  
Engineering

William Dean Berger, Wooster  
B.S.Agr.

*Field of Specialization:* Agricultural  
Education

Charles Gerald Bigler, Columbus  
B.S.Cer.E.

*Field of Specialization:* Ceramic  
Engineering

Nancy Diane Bishop, Springfield  
B.S.Ed. (Bowling Green State  
University)

*Field of Specialization:* Home  
Economics

Reed Richard Bittinger, Mansfield  
B.S.E.P.

*Field of Specialization:* Computer and  
Information Science

Thomas Howard Booth,  
New Kensington, Pa.  
B.Cer.E.

*Field of Specialization:* Ceramic  
Engineering

Gene William Borton, Wauseon  
B.S.Agr.

*Field of Specialization:* Agricultural  
Economics and Rural Sociology

\*Gary Nelson Bovard, Utica  
*Field of Specialization:* Agricultural  
Economics and Rural Sociology

Diana Louise Brant,  
Kansas City, Kan.  
B.S.Ed. (Kansas State Teachers  
College)

*Field of Specialization:* Mathematics

\*\*James Robert Brown, Mansfield  
*Field of Specialization:* Electrical  
Engineering

Jonnie Horst Budke, Columbus  
B.S. (Montana State University)  
*Field of Specialization:* Home  
Economics

Thomas Otto Buti, Bellaire  
B.S.

*Field of Specialization:* Mathematics

Sandra Roberts Byers, Worthington  
B.S.Nurs. (Cornell University)  
*Field of Specialization:* Nursing

Stephen Eugene Caldwell, Columbus  
B.S.Phys.

*Field of Specialization:* Physics

Richard Wayne Carter, Springfield  
B.S.Agr.

*Field of Specialization:* Plant  
Pathology

Paul Ward Case, West Mansfield  
B.S.Agr.

*Field of Specialization:* Agricultural  
Education

Sister Carol Lynne Cassini,  
Marlomet

B.S.Nurs. (Mercy College of Detroit)  
*Field of Specialization:* Nursing

Tamara Buell Caudy, Columbus  
B.S.H.E.

*Field of Specialization:* Home  
Economics

Alexander K. H. Chan, Hong Kong  
B.S. (University of Oregon)

*Field of Specialization:* Computer and  
Information Science

Jimmy Siu-Leung Chan, Hong Kong  
B.S. (University of Illinois)

*Field of Specialization:* Electrical  
Engineering

Karoon Chandrangsu,  
Bangkok, Thailand

B.Eng. (Chulalongkorn University)  
*Field of Specialization:* Civil  
Engineering

Tu-An Cheng, Taipei, Taiwan

B.S. (National Taiwan University)  
*Field of Specialization:* Computer and  
Information Science

Lien-In Amy Chin, Yung Ho, Taiwan  
B.L. (National Chengchi University)

*Field of Specialization:* Agricultural  
Economics and Rural Sociology

William Eugene Coatsworth,  
Macungie, Pa.

B.S.Ed. (California State College,  
Pennsylvania)  
*Field of Specialization:* Mathematics

Edward Ira Cohen, Randolph, Mass.  
B.S. (Rensselaer Polytechnic  
Institute)  
*Field of Specialization:* Computer and  
Information Science

Harvey Jerome Cohen,  
New Castle, Pa.  
S.B. (Massachusetts Institute of  
Technology)

*Field of Specialization:* Metallurgical  
Engineering

Veronica Lee Conners, Houston, Tex.  
B.S. (Texas Womans University)

*Field of Specialization:* Nursing

James Daniel Cooper, Bucyrus  
B.S.Agr.

*Field of Specialization:* Agricultural  
Education

Richard Ward Cumming, Wapakoneta  
B.S.

*Field of Specialization:* Mathematics

Valentine Dahlem, III, Dayton  
B.S. in Aero.E. (Saint Louis  
University)

*Field of Specialization:* Aeronautical  
and Astronautical Engineering

Richard Shoots Davidson, II,  
Columbus

B.S.E.E. (Ohio University)  
*Field of Specialization:* Electrical  
Engineering

Mark Edward Davis, Dayton  
B.S.E.E., M.S.E.E. (Syracuse  
University)

*Field of Specialization:* Physics

Paul Reuben Day,  
American Fork, Utah  
B.S. (Brigham Young University)

*Field of Specialization:* Computer and  
Information Science

Donna Berner Deane, Springfield  
B.S.Nurs.

*Field of Specialization:* Nursing

Om Parkash Dhiman, Punjab, India  
B.S., B.S.E. (Panjab University)  
*Field of Specialization:* Aeronautical  
and Astronautical Engineering

David Edward Dougherty, Canton  
R.A. (Denison University)

*Field of Specialization:* Plant  
Pathology

Sister Mary Anne Doyle,  
Brighton, Mass.

A.B. (Regis College)  
*Field of Specialization:* Physics

\* Also Bachelor of Science in Agriculture,  
College of Agriculture and Home Economics  
\*\* Also Bachelor of Electrical Engineering,  
College of Engineering

Francisco Ong Du,  
Dumaguete City, Philippines  
B.S.M.E. (Silliman University);  
M.S. (University of Hawaii)  
*Field of Specialization: Metallurgical  
Engineering*

Roberto Jose Duarte,  
Managua, Nicaragua  
B.S.C.E. (Ohio Northern University)  
*Field of Specialization: Civil  
Engineering*

Richard Edward Duhrkopf,  
Worthington  
B.S.  
*Field of Specialization: Genetics*

Douglas Reber Dunkel, Circleville  
B.A.  
*Field of Specialization: Agricultural  
Economics and Rural Sociology*

Helen Marie Dylag, Parma  
B.S.Nurs. (Saint John College of  
Cleveland)  
*Field of Specialization: Nursing*

Cheryl Reppart Evans, New Carlisle  
B.S.H.E.  
*Field of Specialization: Home  
Economics*

John Gerald Evans, Alliance  
B.S. (Kent State University)  
*Field of Specialization: Zoology*

\*George Fayer, IV, Elyria  
*Field of Specialization: Welding  
Engineering*

Sandra Elizabeth Fisher,  
Brooklyn, N. Y.  
B.S.Nurs. (Case Western Reserve  
University)  
*Field of Specialization: Nursing*

Duncan Foley, Appleton, Wis.  
B.A. (Antioch College)  
*Field of Specialization: Geology*

David James Ford, Columbus  
S.B. (Massachusetts Institute of  
Technology)  
*Field of Specialization: Mathematics*

William Randolph Forrest,  
San Antonio, Tex.  
B.A. (Hardin-Simmons University);  
D.D.S. (Baylor University)  
*Field of Specialization: Dentistry*

Philip Robert Fox, Dumont, N. J.  
B.S. (Marietta College)  
*Field of Specialization: Entomology*

James Russell Freed, East Palestine  
B.S.Agr.  
*Field of Specialization: Agricultural  
Education*

Suzann Carol Frey, Chicago, Ill.  
B.A. (Ohio Wesleyan University)  
*Field of Specialization: Agricultural  
Economics and Rural Sociology*

Leonard Dean Frost, Lovington, Ill.  
B.S. (Eastern Illinois University)  
*Field of Specialization: Physics*

Somporn Fuangchan,  
Washington, D. C.  
B.S.S. (Mahidol University,  
Thailand); M.P.A. (National  
Institute of Development  
Administration, Thailand)  
*Field of Specialization: Preventive  
Medicine*

Kristine Marie Gable,  
Newton Center, Mass.  
B.S.  
*Field of Specialization: Geology*

Peggy Lee Gawiser, Richmond Heights  
B.S.Ed. (Ohio University)  
*Field of Specialization: Home  
Economics*

Alan Eugene George, Columbus  
B.S.Agr., D.V.M.  
*Field of Specialization: Veterinary  
Preventive Medicine*

Gretchen M. Glasgow, Apple Creek  
B.S.Nurs. (Capital University)  
*Field of Specialization: Nursing*

Vivian Lorraine Bougher Good,  
Columbus  
B.S.Nurs.  
*Field of Specialization: Nursing*

Linda Abell Graham,  
Windsor, Ont., Canada  
B.Sc.N. (University of Toronto)  
*Field of Specialization: Nursing*

David Mark Greene, Wellington  
B.S.Agr.  
*Field of Specialization: Animal  
Science*

Richard Alan Grove, Shelby  
B.S.Agr.  
*Field of Specialization: Agricultural  
Education*

Edward Gudan, Lorain  
B.E.E.  
*Field of Specialization: Electrical  
Engineering*

Judith Ann Haase, Columbus  
B.S. (Indiana State University)  
*Field of Specialization: Nursing*

Gary Lee Hahn, Circleville  
B.S.Ch.E. (University of Cincinnati)  
*Field of Specialization: Chemical  
Engineering*

Lavonne Huther Hall, Columbus  
B.S.Nurs.  
*Field of Specialization: Nursing*

John Pershing Hamill, Albany  
B.S.Agr.  
*Field of Specialization: Agricultural  
Education*

Ester Delores Harber, Columbus  
B.S. (Hampton Institute)  
*Field of Specialization: Home  
Economics*

\*\*Eugene Carson Harlan, Lyndon  
*Field of Specialization: Agricultural  
Education*

\*\*\*David James Harshman, Columbus  
*Field of Specialization: Industrial  
Engineering*

Susan Dorothy Haseltine,  
Pittsfield, Me.  
B.S. (University of Maine)  
*Field of Specialization: Zoology*

Jeanne Cook Hay, Columbus  
B.A. (State University of New York,  
Buffalo)  
*Field of Specialization: Preventive  
Medicine*

Larry Ross Hayes, Columbus  
B.S.  
*Field of Specialization: Geology*

James LeRoy Herzing, St. Marys, Pa.  
B.S. in Edu. (Edinboro State College)  
*Field of Specialization: Mathematics*

Edward G. Hetrick, Reading, Pa.  
B.S. in Edu. (Kutztown State College)  
*Field of Specialization: Mathematics*

Morris Lamar Hicks, Fredericktown  
D.D.S.  
*Field of Specialization: Dentistry*

David Eugene Horstman,  
Worthington  
B.I.E.  
*Field of Specialization: Industrial  
Engineering*

Ronald Leonard Horstman, Ottawa  
B.S.Agr.  
*Field of Specialization: Agricultural  
Education*

David Joe Houser, Casstown  
B.A. (DePauw University)  
*Field of Specialization: Chemistry*

\* Also Bachelor of Welding Engineering,  
College of Engineering

\*\* Also Bachelor of Science in Agriculture,  
College of Agriculture and Home Economics  
\*\*\* Also Bachelor of Industrial Engineering,  
College of Engineering

Mary Chen Huang, Canton  
B.A. (Case Western Reserve  
University)

*Field of Specialization: Zoology*

Philip Edward Hulse, Caledonia  
B.S.Agr.

*Field of Specialization: Agricultural  
Education*

Judy Yee Hwa, Taipei, Taiwan  
B.S. (National Tsing Hua University)

*Field of Specialization: Biophysics*

Tommy David Johnson, Madison, Wis.  
B.S. (University of Wisconsin,  
Madison)

*Field of Specialization: Chemistry*

\*Mary Carol Joyce, Baden, Pa.  
*Field of Specialization: Dairy Science*

William Lee Judy, Columbus  
B.S.C.E. (West Virginia University)  
*Field of Specialization: Civil  
Engineering*

Gene Allen Jumper, Delaware  
B.S.Agr.  
*Field of Specialization: Plant  
Pathology*

James Earl Kahl, Monongahela, Pa.  
B.S.Ed. (California State College,  
Pennsylvania)  
*Field of Specialization: Mathematics*

Chellappah Kanagalingam,  
Chauaka, North Ceylon  
B.S. (International Institute of  
Aerial Surface Earth Science,  
Netherlands)  
*Field of Specialization: Geodetic  
Science*

Clyde Elden Keathley, Worthington  
B.S.Agr.  
*Field of Specialization: Agricultural  
Education*

Joan Fernande Kerley, Shelby  
B.S. (Marquette University)  
*Field of Specialization: Statistics*

Yew-Ky Kim, Seoul, Korea  
B.S., M.S. (Seoul National  
University)  
*Field of Specialization: Mathematics*

Edward Keith King, Columbus  
B.S.Ch.E.  
*Field of Specialization: Chemical  
Engineering*

Mynor King, Columbus  
B.S. (Taiwan Christian College,  
Taiwan); M.S.  
*Field of Specialization: Industrial  
Engineering*

Charles Theodore Kitzmiller,  
Columbus  
B.S.A.A.E.  
*Field of Specialization: Aeronautical  
and Astronautical Engineering*

Keiji Kiryu, Tokyo, Japan  
D.V.M. (Tokyo University of  
Agriculture and Technology)  
*Field of Specialization: Veterinary  
Pathobiology*

Roy William Koch, Bellevue  
B.S.C.E.  
*Field of Specialization: Civil  
Engineering*

Kenneth Jerome Koebel, Columbus  
B.S.  
*Field of Specialization: Mathematics*

Allan Ray Kostreba, Euclid  
B.I.E.  
*Field of Specialization: Industrial  
Engineering*

John Wallace Krauss, Jr.,  
Center Moriches, N. Y.  
B.S.Agr.  
*Field of Specialization: Horticulture*

Panchit Kreungkamhang,  
Tak, Thailand  
B.E. (Chulalongkorn University)  
*Field of Specialization: Nursing*

Wei Sheng Elizabeth Kung,  
Taipei, Taiwan  
B.S. (National Taiwan University)  
*Field of Specialization: Microbiology*

Linda Lorraine Lacy,  
Fayetteville, N. C.  
B.S. (Texas Woman's University)  
*Field of Specialization: Nursing*

Thomas Eugene Laska, Erie, Pa.  
B.A. (Saint Vincent College)  
*Field of Specialization: Mathematics*

Otto Laster, Columbus  
B.E.E.  
*Field of Specialization: Electrical  
Engineering*

Jacob Wilbur Lehman, Reynoldsburg  
B.S.Agr.  
*Field of Specialization: Zoology*

Jerome A. Lemire, Pierpont  
B.S.  
*Field of Specialization: Geology*

Sister M. Scholastica Lemmer,  
Aberdeen, S. D.  
B.S.M.T. (Creighton University)  
*Field of Specialization: Allied  
Medicine*

Andrew Joseph Lingler, Cleveland  
A.B. (Ohio University)  
*Field of Specialization: Mathematics*

Larry Alan Litteral,  
Princeton, W. Va.  
B.S.E.E. (Virginia Polytechnic  
Institute)  
*Field of Specialization: Electrical  
Engineering*

John Sic-Yiu Liu, Cincinnati  
B.S. (Xavier University)  
*Field of Specialization: Physics*

Larry Allan Londot, Mansfield  
B.S.C.E.  
*Field of Specialization: Civil  
Engineering*

Susan Elizabeth Lott, Columbus  
B.S.Ed. (Indiana University of  
Pennsylvania)  
*Field of Specialization: Home  
Economics*

Carlos Nicolas Lukac, Lima, Peru  
B.S. (Lowell Technological Institute)  
*Field of Specialization: Metallurgical  
Engineering*

Thomas Alan Lyon, Ravenna  
B.S.C.E.  
*Field of Specialization: Civil  
Engineering*

Thomas Lee Madden, Dayton  
B.S.E.E. (Ohio University)  
*Field of Specialization: Electrical  
Engineering*

Alva Charles Madsen, Jr.,  
Houston, Tex.  
B.S., M.S. (University of Texas)  
*Field of Specialization: Metallurgical  
Engineering*

Benjamin Gaylord Maiden, Columbus  
B.S.Agr.  
*Field of Specialization: Natural  
Resources*

Patricia Elaine McDonald, Columbus  
B.S.Nurs.  
*Field of Specialization: Nursing*

\*\*Kevin Charles McDonough, Elyria  
*Field of Specialization: Electrical  
Engineering*

Ronald Lee McGuire, Vandalia  
B.S.Agr.  
*Field of Specialization: Agricultural  
Education*

\* Also Bachelor of Science in Agriculture,  
College of Agriculture and Home Economics  
\*\* Also Bachelor of Electrical Engineering,  
College of Engineering

Sergio Meriani, Trieste, Italy  
Laurea, (Universita Digli Studi de Trieste)  
*Field of Specialization: Ceramic Engineering*

Joan Ellen Meyer, Reynoldsburg  
B.S. (University of Illinois)  
*Field of Specialization: Computer and Information Science*

Carol Musselman Michael, Brookville  
B.S.H.E.  
*Field of Specialization: Home Economics*

Gregory Allen Mihailoff, Mansfield  
B.S. (Ashland College)  
*Field of Specialization: Anatomy*

James F. Mikus, Lapeer, Mich.  
B.S. (Central Michigan University)  
*Field of Specialization: Mathematics*

John Ray Miller, Columbus  
B.S.Agr.  
*Field of Specialization: Food Science and Nutrition*

Robert Edward Miller, Bayside, Calif.  
B.S.M.E. (Washington State University)  
*Field of Specialization: Industrial Engineering*

Thomas Milligan, Jr., Columbus  
B.C.E.  
*Field of Specialization: Civil Engineering*

Woon Lim Min, Seoul, Korea  
B.S. (Ewha Womans University)  
*Field of Specialization: Home Economics*

Sun-De Sandra Mo, Taipei, Taiwan  
B.S. (National Taiwan University)  
*Field of Specialization: Horticulture*

Jeanne Rae Moran, Mt. Olivet, Ky.  
B.S. in H.E. (Berea College)  
*Field of Specialization: Home Economics*

James Allen Morris, King George, Va.  
B.E.E.  
*Field of Specialization: Electrical Engineering*

Arnold Theodore Mosberg, Columbus  
B.A.A.E.  
*Field of Specialization: Aeronautical and Astronautical Engineering*

Larry Sheldon Moyer, Bellevue  
B.S.Ch.E. (Ohio University)  
*Field of Specialization: Chemical Engineering*

Mary Carol Stephens Munzinger, Columbus  
B.S.Nurs.  
*Field of Specialization: Nursing*

Jack Lee Musgrave, Columbus  
B.S.  
*Field of Specialization: Botany*

Richard William Nelson, London  
B.W.E.  
*Field of Specialization: Welding Engineering*

Sandra Erickson Oehrtman, Columbus  
B.S.Nurs. (Capital University)  
*Field of Specialization: Nursing*

Emery Stephen Okos, Sylvania  
B.S.Food Tech.  
*Field of Specialization: Food Science and Nutrition*

Petrus P. V. E. Olivier,  
Menlo Park, Pretoria, South Africa  
B.Sc.Eng.M., B.Sc.Eng.M.H.  
(University of Pretoria)  
*Field of Specialization: Mechanical Engineering*

Mary Elizabeth Overbagh,  
Saugerties, N. Y.  
B.S. (Ithaca College)  
*Field of Specialization: Allied Medicine*

James Michael Palermo, South Euclid  
A.B. (Albion College); D.D.S.  
*Field of Specialization: Dentistry*

Richard Earl Parent, Dayton  
B.S. (University of Dayton)  
*Field of Specialization: Computer and Information Science*

John William Paul, Cincinnati  
B.S. (Rochester Institute of Technology); D.V.M.  
*Field of Specialization: Veterinary Physiology and Pharmacology*

Ruth Evans Pearson,  
Parkersburg, W. Va.  
B.S. (Alderson Broadus College)  
*Field of Specialization: Nursing*

Lance Harry Penhale,  
Piscataway, N. J.  
B.S.Agr.  
*Field of Specialization: Animal Science*

Larry Wayne Pennell, Dayton  
B.S. (University of Illinois)  
*Field of Specialization: Aeronautical and Astronautical Engineering*

Marilyn Leet Penrod, Columbus  
B.S.H.E.  
*Field of Specialization: Home Economics*

John Edward Peters, Columbus  
B.A. (Otterbein College)  
*Field of Specialization: Microbiology*

Margaret Anne Phin, Chicago, Ill.  
B.S.H.E. (University of Manitoba, Canada)  
*Field of Specialization: Allied Medicine*

Charles Edward Plikerd, Elida  
B.S.  
*Field of Specialization: Agricultural Education*

†Sushil Kumar Prasad,  
New Delhi, India  
B.Sc. (Haryana Agricultural University)  
*Field of Specialization: Genetics*

Kunwar Krishan Rampal,  
Kanpur, India  
B.Sc., M.Sc. (Delhi University)  
*Field of Specialization: Geodetic Science*

Phillip Terry Ray, Owensboro, Ky.  
B.S. (Western Kentucky University)  
*Field of Specialization: Geology*

Martha Rickey Recchie, Columbus  
B.S. (H.E.) (College of Saint Mary of the Springs)  
*Field of Specialization: Home Economics*

Joyce Lee Reed, Columbus  
B.S.Nurs. (Capital University)  
*Field of Specialization: Nursing*

Toni Tripp Reimer, Columbus  
B.S.Nurs. (University of Maryland)  
*Field of Specialization: Nursing*

William Joseph Repasky, Youngstown  
B.E. (Youngstown State University)  
*Field of Specialization: Civil Engineering*

Sue Ann Scheffer Retter, Dayton  
B.S.Nurs. (College of Mount Saint Joseph on the Ohio)  
*Field of Specialization: Nursing*

† Degree awarded posthumously.  
Died July 5, 1973



**\*Jeffrey Michael Reutter**, Willoughby  
*Field of Specialization: Natural Resources*

**Walter Henry Rice, Jr.**,  
Saginaw, Mich.  
B.A. (Morehouse College)  
*Field of Specialization: Allied Medicine*

**Gary Thomas Ringler**, Columbus  
B.A.  
*Field of Specialization: Allied Medicine*

**Gayle Richard Rink**, Columbus  
B.S.Nurs. (Capital University)  
*Field of Specialization: Preventive Medicine*

**Jerome Edward Roers**,  
Mt. Clemens, Mich.  
B.S. (Morehead State College)  
*Field of Specialization: Mathematics*

**Guillermo Justo Rojas**, Columbus  
B.S.Bus.Adm.  
*Field of Specialization: Agricultural Economics and Rural Sociology*

**Dennis Eugene Royer**, Massillon  
B.S.C.E.  
*Field of Specialization: Civil Engineering*

**Susan Jane Rudge**, Youngstown  
B.S. (Miami University)  
*Field of Specialization: Home Economics*

**Judith M. Inglis Scheiderer**,  
Columbus  
B.A.  
*Field of Specialization: Home Economics*

**Craig A. Schimming**, Clyde  
B.S. in Ed. (Bowling Green State University)  
*Field of Specialization: Mathematics*

**Deane Edward Schubert**,  
Portsmouth, Va.  
B.S. (University of Florida)  
*Field of Specialization: Allied Medicine*

**Peter Vincent Scoles**, Columbus  
B.S. (Pennsylvania State University); M.D. (Jefferson Medical College of Philadelphia)  
*Field of Specialization: Surgery*

**Bobby Jay Setzer**, Knoxville, Ia.  
B.S. (Southeastern State College)  
*Field of Specialization: Allied Medicine*

**U. A. Garred Sexton**, Texarkana, Ark.  
M.D. (University of Arkansas)  
*Field of Specialization: Preventive Medicine*

**Ronald James Seymour**,  
Buffalo, N. Y.  
B.S. (State University of New York, Buffalo)  
*Field of Specialization: Allied Medicine*

**\*\*David Allen Shafer**, Columbus  
*Field of Specialization: Electrical Engineering*

**Larry Stephen Shaffer**, Columbus  
B.S. (University of Michigan)  
*Field of Specialization: Computer and Information Science*

**Surekh Chinubhai Shah**,  
Ahmedabad, India  
B.E. (Gujarat University)  
*Field of Specialization: Electrical Engineering*

**Daryl Dee Shank**, Columbus  
B.S.  
*Field of Specialization: Microbiology*

**Arthur Lincoln Shapiro**,  
Springfield, Pa.  
B.S. (University of Delaware)  
*Field of Specialization: Computer and Information Science*

**Bert Taylor Showman**, Liberty Center  
B.S.Agr.  
*Field of Specialization: Agricultural Education*

**Donna Soppelsa Simmons**, Columbus  
B.S.Nurs.  
*Field of Specialization: Nursing*

**William Randolph Simpson**,  
Wading River, N. Y.  
B.S. (Virginia Polytechnic Institute)  
*Field of Specialization: Aeronautical and Astronautical Engineering*

**Kenneth Robert Sirinek**, Columbus  
B.A. (Saint Marys College, Minnesota); M.D. (Marquette University)  
*Field of Specialization: Physiology*

**David Michael Sliva**, Cadiz  
B.Ch.E.  
*Field of Specialization: Chemical Engineering*

**Theodore MacDonald Smith**,  
Columbus  
B.S. (Rose Polytechnic Institute); M.S.  
*Field of Specialization: Statistics*

**William James Smith**, Akron  
B.S.E.P.  
*Field of Specialization: Nuclear Engineering*

**Melinda Gay Spiker**, Weston, W. Va.  
B.S.H.E. (West Virginia University)  
*Field of Specialization: Home Economics*

**William Joseph Steeley**, Kettering  
B.S.E.E.  
*Field of Specialization: Electrical Engineering*

**Herbert Frederick Steinbeck**,  
Wilmington, Ill.  
M.D. (Saint Louis University School of Medicine)  
*Field of Specialization: Preventive Medicine*

**Robert Neville Stocking**,  
St. Petersburg, Fla.  
B.A. (University of South Florida)  
*Field of Specialization: Computer and Information Science*

**Allan Wesley Strong**, Euclid  
B.Ch.E.  
*Field of Specialization: Chemical Engineering*

**Joseph Anthony Sugrue**, Chicago, Ill.  
B.S. (De Paul University)  
*Field of Specialization: Mathematics*

**Kristine Lynne Supik**, Brecksville  
B.S.  
*Field of Specialization: Genetics*

**Sutrisno Budiman Tirtawidjaja**,  
Bogor, Indonesia  
Sardjana Ir (Institut Teknologi Bandung, Indonesia)  
*Field of Specialization: Chemical Engineering*

**David Charles Uhrin**, Pittsburgh, Pa.  
B.A. (University of Notre Dame)  
*Field of Specialization: Geology*

**Linda Kay VanDemark**, Worthington  
B.S.  
*Field of Specialization: Home Economics*

**Dorothy Willis Vivians**, Wilberforce  
B.S.Nurs. (Tuskegee Institute)  
*Field of Specialization: Nursing*

\* Also Bachelor of Science in Agriculture.  
College of Agriculture and Home Economics  
\*\* Also Bachelor of Electrical Engineering,  
College of Engineering

Rachel Dianne Warren,  
Reidsville, N. C.  
B.S. (Appalachian State University)  
*Field of Specialization: Home  
Economics*

Donald Leslie Weaver, Groveport  
B.S.Ch.E.  
*Field of Specialization: Chemical  
Engineering*

Arthur Raymond Weinle, Cleveland  
B.S.Ed.  
*Field of Specialization: Geology*

Alfred Reinhold Weiss,  
Edmonton, Alta., Canada  
B.S. (University of Alberta)  
*Field of Specialization: Mathematics*

Nadine Diane Weltner, Dayton  
B.S.H.E. (University of Dayton)  
*Field of Specialization: Home  
Economics*

Robert John Wilhelm, Columbus  
B.S. (Xavier University)  
*Field of Specialization: Computer and  
Information Science*

James Wallace Wilkes, Pittsburgh, Pa.  
B.S. in Ed. (Ashland College)  
*Field of Specialization: Zoology*

Donald James Witt, Oak Lawn, Ill.  
B.S. (Loyola University)  
*Field of Specialization: Entomology*

Kathleen Hixon Wolff, Ravenna  
B.S. (Kent State University)  
*Field of Specialization: Nursing*

Bruce Richard Wood,  
Costa Mesa, Calif.  
B.S. (Harvey Mudd College)  
*Field of Specialization: Computer and  
Information Science*

Margaret Rene Wrensch, Columbus  
B.S.  
*Field of Specialization: Genetics*

Gordon Albert Wuethrich, Olean, N.Y.  
B.S. (Michigan State University)  
*Field of Specialization: Animal  
Science*

John Harry Yates, Absecon, N. J.  
B.S. (Case Western Reserve  
University)  
*Field of Specialization: Chemistry*

Gary Joe Yost, Fredericktown  
B.S.Ed.  
*Field of Specialization: Zoology*

Donn Curtis Young, Columbus  
B.S.  
*Field of Specialization: Botany*

Anthony Zerges, Cincinnati  
B.S.  
*Field of Specialization: Computer and  
Information Science*

\*Carl Robert Zulauf, Nevada  
*Field of Specialization: Agricultural  
Economics and Rural Sociology*

Elizabeth Ziegler Zweizig,  
Worthington  
B.S.Nurs. (Cornell University)  
*Field of Specialization: Nursing*

#### **Master of Social Work**

One candidate

Susan Carol Cooper, Dayton  
B.S.Soc.Wel.  
*Field of Specialization: Social Work*

\* Also Bachelor of Science in Agriculture,  
College of Agriculture and Home Economics

## Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans: Arthur E. Adams  
Vice Provost for the Arts and Sciences: Robert G. Arns

The Colleges of the Arts and Sciences, a federation of five colleges, includes:

### College of The Arts

Dean: Lee Rigsby

### College of Biological Sciences

Dean: Richard Bohning

### College of Humanities

Dean: Arthur E. Adams

### College of Mathematics and Physical Science

Dean: Colin B. B. Bull

### College of Social and Behavioral Sciences

Dean: Franklin P. Kilpatrick

John Guy Geddes, Grove City  
Lawrence Jason Hamill, Columbus  
Janice Cooper Hartstein, Columbus  
Jo Anne Hewlett, Columbus  
Carol Jean Horst, Wooster  
Ernest Leon Jackson, Columbus  
Linda Joyce Johanson, North Canton  
Ann Kegelmayer, Columbus  
Deborah Eckel King, Sylvania  
Kathy Wanda Klich, Chicago, Ill.  
Carol Jean Mayer, Columbus  
Victoria Lynn Mayhew, Worthington  
Wendy Schmeer McDade,  
Seattle, Wash.  
Lancee Adrian Monjé, Newark, N. Y.  
Lynn Carol Palumbo, Sharon, Pa.  
\*Frederick Ion Reed, Columbus  
Douglas Paul Short, Columbus  
Stephen Farrell Tipton,  
San Diego, Calif.  
Randall Jay Turner, Columbus  
Andrew Todd Vadas, Columbus  
Beverly Ann Waferling, Cincinnati  
Sidney Lindley Waters, Mt. Vernon  
Myron Merle Weber, Rittman  
Christiane Charlotte Wendel,  
Lake Oswego, Ore.  
Bonnie Lou Zawodni, Toledo

## College of The Arts

Dean: Lee Rigsby

### Bachelor of Arts

Six candidates

Dennis Lee McCord, Galion  
Karen Louise Nielsen, Columbus  
Maryann Theresa O'Dell,  
Garden City, N. Y.  
Ponzianna Newell Reed, Columbus  
Marc Steven Shaw, Northbrook, Ill.  
Marilyn Beth Wise, Columbus

### Bachelor of Fine Arts

Thirty-seven candidates

Richard Jerome Amann, Kettering  
Robert Lee Bainter, Columbus  
Vinciene Sanford Bartley, Columbus  
Nancy Jane Bersin,  
Rockville Centre, N. Y.  
Randolph Stephen Blackburn,  
Columbus  
Nancy Susan Bolon, Columbus  
William Louis Brewer, Springfield  
Judy Ann Dillon, Columbus  
Russell Earl Douglass, Delaware  
Elizabeth Anne Farley, Columbus  
Patricia Mary Fedo, Granville  
Susan Kimberly Friend, Akron

### Bachelor of Music

Three candidates

\*\*David William Donovan, Lebanon  
Steven Patrick Monroe, Chillicothe  
\*\*\*Walter Watkins Nielsen, Columbus  
B.S.; J.D. (George Washington  
University)

**Bachelor of Art Education and  
Bachelor of Music Education  
degree are offered jointly by the  
College of The Arts and the  
College of Education  
Candidates are listed on page 41**

### Bachelor of Science in Industrial Design

Three candidates

Robert Frederick Mitchell, Columbus  
Louise Ellen Rothenberg,  
New Milford, N. J.  
Matthew Gillary Ungar, Columbus

## College of Biological Sciences

Dean: Richard Bohning

### Bachelor of Arts

Eleven candidates

Thomas Harry Boreman, Ashland  
William Michael Bridges, Columbus  
Lawrence Mark Hart, Findlay  
Douglas Eugene Hill, Columbus  
Charles Richard Hounshell, Dayton  
Diane Elizabeth Juillard, Columbus  
Charles Leroy Little, Logan  
James Michael McNamara,  
Parma Heights  
John Gerald Murphy, Columbus  
Howard Lane Tetelman, Columbus  
Philip Alden Weiser, Columbus

### Bachelor of Science

Thirty-one candidates

Carole Jane Acomb, Loveland  
Joseph Howard Adams, Fairborn  
Robert Dennis Aiello, Louisville  
Linda Ruth Albright, Columbus  
Carl Dinger, Jr., Mansfield  
Elizabeth Ann Duym,  
Little Silver, N. J.  
Donald Robert Eadie, Lockport, N. Y.  
Donald Craig Emmerling, Columbus  
Timothy Lee Gardner, Zoar  
Debra Louise Halberg, Columbus  
Ronald David Heller, Columbus  
Randall Albert Horner, Columbus  
Lawrence Fredrick Koppelman,  
Cleveland Heights  
Diann Leslie Kurz, Columbus  
Douglas Roy Marsden, Columbus  
Patricia Stevenson Paine, Columbus  
Albert James Pekol, Columbus  
Daniel Joe Pottenger, Fairfield  
Margaret Eleanor Rice, Columbus  
Randel Gregory Riley, Cleveland  
Mark Steven Sams, Parma  
Vickie Lee Stout, Columbus  
Henry Charles Summerson, Columbus  
Harry John Timmerman,  
St. Clairsville

\* Also Bachelor of Art Education, College of Education

\*\* Also Bachelor of Music Education, College of Education

\*\*\* Also Bachelor of Arts, Colleges of the Arts and Sciences

Mary Lou Vukovich, Galena  
 Michael Francis Walker, Salem  
 Steven Randolph Welton, Portsmouth  
 Janet Kay Williamson, Deshler  
 Bruce Lee Yeager, Waverly  
 Roderic Jay Yost, Newark  
 John William Zech, Marysville

## College of Humanities

Dean: Arthur E. Adams

### Bachelor of Arts

Seventy-four candidates

David Bruce Adelstein,  
 Cleveland Heights  
 Chris Marie Allen, Montpelier  
 Joyce Spray Anderson, Columbus  
 Terry Lynn Bartley, Zanesfield  
 Alexander Peter Bezruczko, Fayette  
 Emily Patricia Bolla, Springfield  
 David John Bontempo, Rocky River  
 Ronald William Brann, Eastlake  
 Douglas Hughes Bretz, Columbus  
 \*John Michael Burger, Columbus  
 Michael John Burns, Columbus  
 Priscilla Lynn Chamberlain,  
 Bay Village  
 Joseph Rabindranath Chianese,  
 Youngstown  
 Joseph William Cody, Columbus  
 Patricia Anne Collins, Columbus  
 Steve Alan Craig, Gahanna  
 Myron Stuart Daniels, Columbus  
 Jeffrey Lewis Dorfman, Teaneck, N.J.  
 \*Kathleen Irene Evan, Mansfield  
 Roy Andrew Evans, Canal Winchester  
 Richard Felix Ey, Columbus  
 Kathleen Ann Garrison Fletcher,  
 Columbus  
 Minda Susan Frahm, Baltimore, Md.  
 Barbara Jane George, Columbus  
 Debra Joan Green, Columbus  
 James Wallace Green, Columbus  
 Philip Louis Guttridge, Columbus  
 Stanley Raymond Haeger, Lorain  
 Thomas Michael Hamilton, Fairborn  
 \*David Henry Harmon, Mansfield  
 Charles Alfred Wayne Hennebert,  
 New Albany  
 Paula Christine Horvath,  
 North Olmsted  
 Steven Marc Kahn, Shaker Heights  
 Leslie Barbara Kane, Dayton  
 Jackie Lee Keith, Columbus

Sharon Elizabeth Kendall, Columbus  
 Donald Gary Keyser, Portsmouth  
 Samuel Allan Kirk, Fairborn  
 Ronald Steven Koch, Cleveland  
 Rosemary Kolentus, Columbus  
 William Boone Kunkle, Akron  
 Rees Williams Lattimer, Columbus  
 Joan Eileen Leary, Cincinnati  
 William Charles Lelbach, Fairborn  
 Katherine Diane Manus, Hilliard  
 Susan Elaine McNally,  
 Floral Park, N. Y.  
 Karen Anne Mueller, Columbus  
 Carol Sue Nack, Columbus  
 Sirinun Nalampoon,  
 Bangkok, Thailand  
 John Gregory Neal, Columbus  
 \*\*Walter Watkins Nielsen, Columbus  
 B.S.; J.D. (George Washington  
 University)  
 William Stanley Pepple, Jr., Bryan  
 Tony Martin Pivowar, Brecksville  
 Annette Bailey Price, Columbus  
 John Elliott Rannenberg, Columbus  
 Joseph Bradin Roberts, Chagrin Falls  
 Tod Bright Roshon, Baltimore  
 Richard Stephen Roush, Columbus  
 Robert Jay Schneck, Columbus  
 Regina Lamm Silbert, Columbus  
 Rosemary Stefanka, Findlay  
 Dirck Wessel TenBroeck, Columbus  
 Delmar Michael Thomas, Columbus  
 Richard C. Ulen, Columbus  
 Vernon Elliott Wallace, Columbus  
 Ernest Angel Wallerstein, Toledo  
 \*Barbara Lynn Walovich, Mansfield  
 Judith Ann Walter, Columbus  
 Beth Ellen Warman, Cincinnati  
 Craig Frederick Warner, Columbus  
 Margaret Mary Wenzke, Dayton  
 Franz Karol Werling, Columbus  
 William Porter Whitney, Columbus  
 Sandra Wutzler Zollett, Columbus

## College of Mathematics and Physical Sciences

Dean: Colin B. B. Bull

### Bachelor of Arts

Four candidates

Timothy Carl Lampson, Columbus  
 Paul Robert Ongert, Columbus  
 Mary Beth Zak, Brooklyn  
 David Scott Ziegler, York, Pa.

### Bachelor of Science

Twenty-nine candidates

Daniel Robert Blazer, Columbus  
 B.S.C.I.S.  
 David Allen Bowdle, Chillicothe  
 Harry Francis Boyle, Jr., Columbus  
 David Harry Brock, Shaker Heights  
 Gary Richard Cappallo, Columbus  
 Peter John Cardullias, Euclid  
 Donald Edward Galla, Youngstown  
 Daniel Lawrence Harper, Columbus  
 Robert Paul Hartshorne, Akron  
 Bruce Hieronymus, South Charleston  
 Patricia Elba Johnson, Port Clinton  
 Janis Connin Jones, Columbus  
 Dennis Lawrence Lambright,  
 Columbus  
 Rodney Louis McCormick, Middletown  
 Jane Cecilia McGibbon, Columbus  
 Gayle Elizabeth Monks, Delaware  
 Donald Earl Mussard, Keyser, W.Va.  
 Chris Edward Neville, Keyser, W.Va.  
 Ann Marie Olson, Westerville  
 Patrick Michael Perini, Columbus  
 David Joseph Petiya, Warren  
 Jeff L. Reese, Pataskala  
 Christopher Ervin Reid, Columbus  
 Larry Allen Rogers, Columbus  
 Gary Dennis Seipel, Columbus  
 Mark Stephen Smith, Lima  
 Wayne Charles Summers, Columbus  
 Ray Everett Weber, Forest  
 Allan Bruce Young, Mansfield

## College of Social and Behavioral Sciences

Dean: Franklin P. Kilpatrick

### Bachelor of Arts

One hundred and forty-six candidates

Bruce Johnson Acer, North Canton  
 Linda Diane Alexander, Woodsfield  
 Cert. Grad. Dent. Hyg.  
 Richard James Amborski, Toledo  
 Martha Jane Armstrong, Columbus  
 Jonathan Irwin Arons, Cincinnati  
 Eugene Frederick Arthur, Jr.,  
 Columbus

\* Also Bachelor of Science in Education,  
 College of Education

\*\* Also Bachelor of Music, College of the Arts  
 and Sciences

Jane Elizabeth Ashton, Cincinnati  
 Larry Joseph Baisden, Columbus  
 Priscilla Anne Baker, Syracuse, N. Y.  
 Paul Richard Bates, Warren  
 Robin Sue Becker, Columbus  
 Donald Lee Beech, Painesville  
 John Edwin Beimly, Columbus  
 Victoria Lynn Belfiglio, North Canton  
 Janet Mary Bernardino, Columbus  
 Willard Alan Bernbaum,  
   University Heights  
 Donald Hartford Birnie, Jr.,  
   Worthington  
 Charles Edward Blayney, Lima  
 Marianne Blumenthal, Columbus  
 Kenneth George Bonzak, Parma  
 Terri Ellen Bowers, Pandora  
 Cheryl Ann Bowersox, Ashland  
 \*Vancey Ray Bown, Toledo  
 Deborah Alene Branch, Elyria  
 Patricia Murphy Brinkman, Columbus  
 \*\*Diane Paul Brown, Pittsburgh, Pa.  
 Nancy Ann Bruggeman, Marion  
 Elaine Storjohann Burrows, Columbus  
 Robert Martin Coburn, Middletown  
 Diana Irene Cohen, Dayton  
 Warren Arthur Colmer, Columbus  
 Jeffrey Allan Conley, North Canton  
 Navita Eloise Cummings, Columbus  
 Andrew Richard Denkowski,  
   Columbus  
 Robert William Detwiler,  
   Pittsburgh, Pa.  
 Terrence Lee Diehl, Cincinnati  
 Daniel Edward Dills, Columbus  
 Diane Mary Disbrow, North Canton  
 Henry Melvin Doss, Jr., Columbus  
 Phillip Walter Drake, Parma Heights  
 Larry Lee Dumbauld, Columbus  
 Sondra Lee Earley, Columbus  
 Wayne Allen Edge, Cleveland  
 Joseph Elton, Stow  
 Norman Ernest Factor,  
   University Heights  
 Ernest Odon Faska, Jr., Berea  
 Jay Edward Fisher, Columbus  
 Denise Anne Florance, Columbus  
 Robert Alan Foeller, Reynoldsburg  
 Deborah Ann Foster, New York, N. Y.  
 Charles Eugene Fraley, Lima  
 Franklin Robert Freeman, Columbus  
 Robert Duane Gearing, Columbus  
 Gale Anthony Gilbreath, Columbus  
 Barry Scott Gluck, Fairborn  
 Frederick Stanley Golan, Columbus  
 Regina Lynn Goodman, Columbus  
 Susan Laurette Goodwin, Columbus  
 Bruce Neill Graham, Columbus

Nicholas Frank Grasso,  
   Cleveland Heights  
 William Thomas Grunkmeyer,  
   Columbus  
 Christine Ann Hardman, Columbus  
 Barbara Lynn Hartley, Youngstown  
 Stephen Michael Herz, Columbus  
 Linda Messenger Hoch, Prospect  
 Steven Kendall Holloway, Columbus  
 Deborah Lynn Holmes,  
   Shaker Heights  
 Michael Gary Hoover, Ashville  
 Beverly Laine Horrocks, Columbus  
 Diane Sue Hougendobler, Coshocton  
 Christopher Joseph Howell,  
   Chillicothe  
 Robert Neal Johnson, Fairborn  
 Charlie A. Jones, Columbus  
 Michael Wayne Kachur, Columbus  
 Robert Allan Knight, Columbus  
 Chris Michael Kunkleman, Columbus  
 David S. Leitenberger, Mansfield  
 Walter William Leitenberger,  
   Mansfield  
 Edward Michael Levine, Columbus  
 Woodrow Lewis, Jr., Columbus  
 Judith Ann Loeber, Mansfield  
 \*Michael Lee Ludlow, Urbana  
 Joseph A. Malecki, Columbus  
 Douglas James Maser, Canton  
 Michael Gregg Maxfield, Columbus  
 Regina Lynn Maynard, Westerville  
 Karen Eleanor McGreevy, Columbus  
 Vicki Brenner McKibben, Columbus  
 Michael Joseph McManis, Columbus  
 Dennis William McNamara, Columbus  
 Louise Marie Messenger, Marion  
 Wesley Eugene Metz, Marion  
 Kenneth Austin Milner, Columbus  
 Susan Gaylord Moseley,  
   Shaker Heights  
 Frederic William Mossing, Napoleon  
 James Edward Mott, Mansfield  
 Carol Ann Mullan, Youngstown  
 Stephen Allen Musgrave, Tiffin  
 Rowena Nye Nelson, Chillicothe  
 Cheryl Ann Newton, Newark  
 Gregory K. Odell, Mentor  
 Diana Lynn Oditt, Dayton  
 Robert Henry Panning, Jewell  
 Michael Leroy Patterson, III,  
   Columbus  
 William Howard Peoples, Columbus  
 Jo Anna Perkins, Plain City  
 Penelope Francesca Phillips,  
   Youngstown  
 Frederick Pisanelli, Warren  
 Charles William Plummer, Columbus

Earl Benjamin Posey, Columbus  
 Elbert Roy Pringle, Columbus  
 Barry Gregory Rappaport, Toledo  
 Patricia Ann Rast, Columbus  
 William Kenneth Ream, Cincinnati  
 Ronald Anthony Redden, Fairfield  
 David Paul Rinkoski, Columbus  
 Karl Edward Rosenberg, Columbus  
 John Robert Russell, Columbus  
 David Ward Rust, Columbus  
   B.S.  
 Shirlee Ann Sanderson, Richwood  
 William Anthony Schneller, Jr.,  
   Cincinnati  
 Constance Eileen Seffens, Westerville  
 Norman Dale Shafran, Cleveland  
 Philip Bradley Sharp, Columbus  
 Lowell Eugene Shoaf, Columbus  
 Robert Walter Skusa, Sheffield Lake  
 Richard Alan Sloan, Springfield  
 Jennifer Nixon Smith, Columbus  
 Sheila Mary Sprague, Elyria  
 Sidney Louise Stewart, East Canton  
 Janet Lee Stroup, Warren  
 Fred Thomas, Jr., Columbus  
 Robert Bruce Waferling, Columbus  
 John William Wagner, Columbus  
 Francis Marion Wake, Jr., Columbus  
 Stephen Campbell Warren, Sylvania  
 Jean Marie Watkins, Trotwood  
 Warren Keith Weaver, Columbus  
 Martin Fred White, Warren  
 Robert James Whitely, Worthington  
 Ruth Berg Williams, Columbus  
 James Howard Wilson, Dayton  
 Mark James Wintering, Columbus  
 Ronita Lynni Wright, Mansfield  
 Herold Theodore Yaeger,  
   Mayfield Heights  
 Frank Irving Zygala, Waterville

## Bachelor of Science

Seventeen candidates

Lawrence John Andrews, Avon Lake  
 David Edward Broyles, Columbus  
 Mark Andrew Crittenden, Mansfield  
 Vernon Anthony Ebert, Dayton  
 William John Fox, Lima  
 Larry Richard Hamrick, Columbus  
 Kay E. Kocian, Strongsville

\* Also Bachelor of Science in Education,  
 College of Education  
 \*\* Also Master of Arts, Graduate School

## College of Administrative Science

Dean: James R. McCoy

James Eugene May, Hinsdale, Ill.  
Raymond Virgil Payne, Hollins, Va.  
David Michael Schmidt, Cleveland  
Catherine Mary Seifert, Wyoming  
Craig Sentar, Columbus  
Gary Allen Serafin, Cleveland  
Lawrence James Snyder, Columbus  
John Robert Stone, Columbus  
Tamela Anson Turner, Akron  
Paul Francis Zauner, Sylvania

### School of Journalism

#### Bachelor of Arts in Journalism

Nineteen candidates

Deborah Sue Boggs, Kettering  
William Oden Bohman, Hamilton  
Daniel Michael Chesarino,  
Youngstown  
Patricia Ann Cunningham, Newark  
David Allen Dudley, Findlay  
Pamela Powers Ervin, Columbus  
Gary Michael Gorman, Columbus  
Sharon Marcia Green, South Euclid  
David Lee Harding, Lima  
Lynn Eugene Leuszler, Columbus  
James Robert Luckhaupt, Columbus  
Raymond Lee McCall, Newark  
Thomas Edward Niehaus, Cincinnati  
Robert Alan Nozar, Maple Heights  
William Henry Payne, Columbus  
Elizabeth Anne Reece,  
South Bend, Ind.  
Jill Debra Steuer, Columbus  
Michael Armon Thayer, Mentor  
Carla Louise Vasser, Columbus

**Bachelor of Science in  
Business Administration**  
One hundred and fifty-five candidates

Barry Jay Adelman, Canton  
Jeffrey Paul Albrecht, Portsmouth  
Richard Alan Aleshire, Columbus  
Kenneth Richard Allshouse, Paulding  
James Joseph Antal, Seven Hills  
Larry Jack Armstrong, Delphos  
Keith Wayne Betler, Greenville  
Steven Leon Bick, Cincinnati  
Magdi Farid Bishara, Columbus  
John Robert Blome, Vandalia  
Timothy J. Boone, Bellefontaine  
Daniel Paul Brown, Newcomerstown  
David Lee Brown, New Albany  
Donald Dean Brown, Cambridge  
John Palmer Brown, Akron  
Matthew Sherman Brubaker,  
Granville  
John Dillen Burrer, Sunbury  
Willis Burgess Busey, Columbus  
James Michael Cahill, Jr., Grove City  
George Alexander Carlier, III,  
Point Marion, Pa.  
Shannon Noda Carroll,  
Honolulu, Hawaii  
Ronald Lee Chapman, Columbus  
Gary Joseph Clark, Columbus  
Jack Arthur Coneybeer, Columbus  
Irving Confino, Rochester, N. Y.  
Terry Lynn Conn, London  
Harry James Conway, Columbus  
Richard Gerard Cook, Lima  
Larry Cox, Holland  
Roger William Craig, Clyde  
Stephen David Crawford, Wapakoneta  
Daniel Waid Cross, Wooster  
Bruce Edward Crothers, Marion  
Phyllis Ann Cummins, Springfield  
Terry Stephen Cunningham,  
Grove City  
Timothy Stephen Darin, Columbus  
Barbara Jo Ann D'Aurora,  
Steubenville  
Joseph Edward Demshar, Mentor  
Charles Patrick Donovan,  
Wellsville, N. Y.  
Danny Leigh Drake, Columbus  
Ray Landes Druseikis, Dayton  
Nancy Jean Duecater, Burghill  
Lyman Louis Dulin, Jr., Kent  
Mustafa Ahmed Elzahaby,  
Cairo, Egypt  
John Francis Fabanish, Youngstown  
Robert Arthur Francis, Chillicothe

Herman Harold Friedman,  
Shaker Heights  
Steven Craig Futrell, Worthington  
Steven Scott George, Lancaster  
Gregory Alan Georgia, Columbus  
Paul Walter Gera, Parma  
Thomas Lee Gilcher, Bryan  
Ronald Paul Gonya, Bellevue  
David Theodore Goresch,  
Weirton, W. Va.  
Edwin Lee Graham, South Point  
Richard Lance Grandstaff, Columbus  
David Louis Grant, Ashtabula  
Michael Paul Halter, Delaware  
Gerald Leo Hamilton, Columbus  
Thomas Craig Hamm, Thornville  
Joseph Moody Harp, Jr.,  
Hagerstown, Md.  
Rita Anne Hart, Cleveland  
Daniel Keith Hartenstein, Willard  
Jack Edward Hastings, Millersburg  
Timothy Eugene Hawley, Eaton  
Wayne Moore Hay, Columbus  
Joseph Walter Heffner, Waynesville  
Gregory Harold Henderson, Columbus  
Nicholas Joseph Hoffer, Cambridge  
Joseph Meyer Hollenberg,  
Williston Park, N. Y.  
Johnny Lee Hopkins, Cuyahoga Falls  
Robert Edison Houser, Wooster  
Gary Lee Jokiniemi, Ashtabula  
Gary Bruce Jones, Columbus  
Roger Dwight Jones, Delaware  
Roger Lee Kagy, Paulding  
Dale Scott Katz, Shaker Heights  
Michael James Keenan, Steubenville  
Robert Jay Kellerman, Akron  
Bruce Royce Kerns, Columbus  
Becky Ann Kesselring, Tallmadge  
Joseph John Kienle, Columbus  
Joy Judith Klauminzer, Lakewood  
Roger Julius Klein,  
Middleburg Heights  
George Kleinman, Massapequa, N. Y.  
William Leo Kuenzli, Tiffin  
Kenneth James Lloyd Lambourne,  
Columbus  
Roy William Leonard, Columbus  
William John Lestock,  
Garfield Heights  
Craig Allen Looney, Vermilion  
John Bruce Lowe, Columbus  
Jeanne Victoria Mahfouz, Kettering  
Joseph William Marotta, Brook Park  
Joseph Gregory Martin, Findlay  
Robert William Maurer, Dover  
M. Gynell McGee, Columbus  
Noel Sean McMullen, Springfield

## College of Agriculture and Home Economics

Dean: Roy M. Kottman

Robert G. Miller, Jr., Vincennes, Ind.  
David Stewart Mills, Mansfield  
Joseph Alfred Moser, Dayton  
Kevin Murphy, Huron  
Derek A. Neff, Tipp City  
William Randall Neff, Columbus  
Thomas Patrick Nolan, Columbus  
John Edward Olson, Columbus  
Richard Frederick Ott,  
Sagamore Hills  
Oleh Roman Paschyn, Lorain  
James Kenneth Pfirsch, Bucyrus  
James Robert Phillips, Plymouth  
Donald A. Poirier, Columbus  
Richard Lawrence Popham,  
Fort Meyers, Fla.  
Nicholas Paul Raimo,  
West Babylon, N. Y.  
Kurt Louis Redinbaugh, Columbus  
Michael Robert Redman,  
West Jefferson  
William Verl Reichert, Delaware  
B.S.  
Thomas Reid, Columbus  
Jay Warren Roach, Madeira  
Daniel Francis Rohr, Greenville, S.C.  
Daniel Lawrence Rosenfield,  
Elmont, N. Y.  
Charles Lossie Rowland, Jr., Galena  
Phillips Timothy Ruffalo, Youngstown  
Dominic Joseph Russo, Youngstown  
Thomas Gerard Ryan, II, Columbus  
Vincent George Satarino, Chicago, Ill.  
Michael Phillip Scannell, Toledo  
Robert Henry Schneider, Miamisburg  
David Michael Schultz, Springfield  
Thomas Dean Seaman, Dayton  
Daniel Allen Semer, Lima  
David Anthony Semon, Warren  
Robert William Sickmann, Cincinnati  
Linda Joy Spitzer, St. Louis, Mo.  
Mark Andrew Sprenger, Toledo  
Charles Matthew Starcher,  
Parma Heights  
Thomas Loy Steitz, Columbus  
Robert Denver Stewart, Akron  
Mark Stephen Stickel, Columbus  
Gary Leslie Stutzman, Aurora  
Jay David Sukota, Willard  
Robert Dennis Szabo, Euclid  
Edward Francis Thurkettle, Columbus  
John William Tolos, Cincinnati  
Steven Julian Truitt, Galion  
Elizabeth Jane Utley,  
Richmond Heights  
David Richard Van Meter,  
Dover, Del.  
Ronald Vasko, Poland

Richard Alan Vogt, Norwalk  
John Michael Walker, Lima  
Thomas Alan Waters, Columbus  
Lawrence Henry Weller, Jr., Bellbrook  
Dexter Derr Wilson, Williamstown  
Michael Wayne Wilt, Wilmington  
Steven Craig Wingate, Columbus  
Bruce Alan Wise, Heath  
Charles Willie Wright, Delaware

### School of Social Work

#### Bachelor of Science in Social Welfare

Eleven candidates

Fred Anthony Allen, Columbus  
James Thedious Lawson,  
Switchback, W. Va.  
Michele Nan Linder, Youngstown  
Angeline Marie Mascari, Marion  
Edward Eugene Morrow,  
New Holland  
Stephen William Oehrtman, Versailles  
Cynthia Doughman Popham,  
Columbus  
Sue Carol Rubenstein,  
Chattanooga, Tenn.  
Nancy Burnham Rutter, Cleveland  
Jack B. Stockslager, Vandalia  
Jack Leroy Stoneburner, Columbus

#### Bachelor of Science in Agriculture

Fifty-nine candidates

Harold Wayne Benson, Carroll  
Michael Duane Berns, Middletown  
Stephen Jay Bidgood, Chardon  
\*Gary Nelson Bovard, Utica  
Faustino Uchiri Ceama,  
Azangaro, Peru  
Douglas Alan Davis, Washington C. H.  
Leonard George Delamater,  
Sandusky  
Frank Ketcham Eckler, Norwalk  
John S. Fournier, Steubenville  
Jeffrey Paul Franklin, Columbus  
Stephen Paul Glasgow, Peebles  
John Tilghman Glisson, Foley, Ala.  
Richard Alan Graham, Shelby  
Kenneth Moseley Grove, Westerville  
Eric Davis Gyllenhaal, Bay Village  
James Robert Halliwell, Rittman  
Diane Christine Hare, Canton  
\*Eugene Carson Harlan, Lyndon  
William Howard Hegge, Cincinnati  
Jeffrey Stephen Hoffman,  
Rochester, N. Y.  
\*Mary Carol Joyce, Baden, Pa.  
Ira Charles Kaplan, Cincinnati  
\*\*Karen Ann Kramer, Delaware  
John Leslie Kreachbaum,  
Pickerington  
Jeffrey Crawford Lehman,  
Middleburg Heights  
George Ernest Like, Sciotoville  
Diane Louise Mason, Cincinnati  
Rodney Daniel McClanahan,  
Cuyahoga Falls  
John William Miley, Sarahsville  
Michael Raymond Nash, Alexandria  
William Allan Osborne, Akron  
Thomas Milton Overmier,  
Liberty Center  
Ivan Theodore Pollack, Masury  
Ben Douglas Pratte, Spencerville  
Jeffrey Baird Rankin, Sebring  
G. Kent Redett, Amlin  
\*Jeffrey Michael Reutter, Willoughby  
Charles Robert Rodabaugh, Forest  
Wade Alvin Rusk, Worthington  
Alan Doyle Schriver, Reno  
Cathleen Leslie Scott, Urbana  
Daniel Earl Sexton, Steubenville  
Joyce Ann Shriver, Shreve  
Kenneth Thomas Siemer, Cincinnati  
Michael Joseph Skiver, Toledo

\* Also Master of Science, Graduate School

\*\* Also Bachelor of Science in Education,  
College of Education

## College of Dentistry

Dean: John R. Wilson

Gary Lee Steinen, Huron  
Terry Lee Taylor, Chillicothe  
William Michael Theil, Colerain  
Michael Angelo Toporec,  
Mineral Ridge  
Thomas Joseph Wagler, Archbold  
Glenn Curtis Waugh, Dayton  
Daniel Webel, Akron  
Ronald Clinton Werner, Columbus  
Robert Verner White, Jr.,  
Williamsfield  
Randall Maurice Wilcox, Huron  
Laura Lee Williams, Dayton  
Bruce William Wright,  
Cuyahoga Falls  
Richard Allen Zimmerman,  
Worthington  
\*Carl Robert Zulauf, Nevada

### Bachelor of Science in Food Technology

One candidate

Ronald Paul Rugala, Marion

## School of Natural Resources

### Bachelor of Science in Natural Resources

Sixteen candidates

Richard Allen Bantz, Englewood  
Allen Charles Close, Bellevue  
Craig Douglas Cope, Hudson  
Richard Wayne Counts, McDermott  
John Henry Cox, Middletown  
Timothy Earl Fair, Fairborn  
Stephen William Goodwin, Columbus  
Richard Alan Greene,  
University Heights  
Richard Louis Kimberly, Columbus  
James Bernard Kocinski, Sylvania  
David Lee Marsh, Dayton  
Layne Howard Monk, Portsmouth  
Michael Richard Norton, Cincinnati  
Thomas Alan Ottney, Elmore  
Jan Alan Rice, Andover  
Paul Fredrick Spurrier,  
Steubenville

## School of Home Economics

### Bachelor of Science in Home Economics

Thirty candidates

Gretchen Ann Baas, Columbus  
Laura Jean Bisantz, Bay Village  
Vicky Hiltabiddle Boulton, Columbus  
Linda Ann Brown, Lima  
Helen Karn Brunelle, Lewistown, Pa.  
Mary Gibbs Cherrington, Dover  
Jana Lou Dasbach, Jacksonville, Fla.  
Cynthia Ann Drew,  
Kennebunkport, Me.  
Kathleen Marie Foster, Worthington  
Patricia Marie Heintz, Anna  
Nancy Rosenfeld Hirschl,  
New York, N. Y.  
Sharon Lou Hoelscher, New Knoxville  
Nora Cochrun Huber, Columbus  
Karen Smith Johnson, Columbus  
Stephanie Robinson Leffler, Marion  
Vera Rosalie Link, Mt. Vernon  
Jane Emily Martin, Portsmouth  
Marlene Ann Meccia, Columbus  
Mary Kay Neikirk, Bucyrus  
Kathryn Cullman Ogg, Columbus  
Susan Faye Overbey, Eaton  
Nancy Jane Pleasants, Blacklick  
Janice Porteus, Coshocton  
Mary Ann Schmelzer Reichley,  
Bremen  
Jane Gallup Reid, Painesville  
Nancy Elma Stiver, Warren  
Cynthia Lou Tanner, Mt. Sterling  
Ann Cecilia Willhelm, Cincinnati  
Cynthia Margaret Wills, Columbus  
Martha Bonsecour Zeyen, Columbus

### Bachelor of Science in Restaurant Management

One candidate

Robert Allan Place, Columbus

## Doctor of Dental Surgery

Three candidates

Gregory John Ermenc, Cincinnati  
B.A.

James Walter McCormick Lima

Robert Perry Merrill, III, Columbus  
B.S. (Bowling Green State  
University)

## Certificate of Graduate Dental Hygienist

One candidate

Karen Lynne Brucoli, Youngstown

\* Also Master of Science, Graduate School



## College of Education

Dean: Donald P. Anderson

### Bachelor of Science in Education

Three hundred and twelve candidates

William Francis Adamescu, Columbus  
 Maria de los Angeles Agrelo, Dayton  
 Melanie Sue Alacca, Mansfield  
 Frank Stuart Alexander, III,  
   Columbus  
 John Joseph Allen, Columbus  
 Francis Augustus Aluise, Columbus  
 Janice Anderson Amburgy, Columbus  
 Debra Lynn Anderson, Wooster  
 Esther Isaac Arav, Columbus  
 Susan Kyle Arn, Dunkirk  
 Timothy C. Ashford, Bedford  
 Frances Hershey Ault, Columbus  
 Gay Rae Barbera, Columbus  
 Carol Valentine Barnes, Columbus  
 Kenneth Melvin Barnes, Elyria  
 Donna Marie Barton, Columbus  
 Bonnie Sue Baruck, Lincolnwood, Ill.  
 Victor Isadore Baskind, Cleveland  
 Juanita Joliff Battles, Marion  
 Michael Eric Baumgardner, Coshocton  
 Donniss Pember Bayless, Winchester  
 Bruce Jeffrey Beck, Vanlue  
 Phillip Eugene Bierly, Westerville  
 Margaret Lynn Blackmore,  
   Worthington  
 Patricia Niemeyer Boerger, Richwood  
 Susan Ellen Boerger, Marysville  
 Peggy Ann Anzo Bona, Lyndhurst  
 Margaret Mary Bonfante, Columbus  
 Margaret Jeanne Bonsall, Canfield  
 Susan Oberschlake Bowen,  
   Hampersville  
 \*Vancey Ray Bown, Toledo  
 Wendy Lynette Bray,  
   Wilmington, Del.  
 Katharine Cochran Brown,  
   Fredericktown  
 Mary Elizabeth Brown, Columbus  
 Paula Davis Bryan, Wapakoneta  
 Joyce Jones Buetner, Elida  
 \* John Michael Burger, Columbus  
 Colleen McKee Burnman, Caledonia  
 Susan Cheryl Bush, Columbus  
 Connye Alberta Caldwell, Twinsburg  
 Kathleen Deanna Cannon, Columbus  
 Nancy Ann Catalano, Westlake  
 George Edward Chaconas, Newark  
 Leslie Coates Chadwell, Worthington  
 Monecca Terry Chadwell, Columbus  
 Rodney Allen Chapman, Columbus  
 Joan Mary Chelekis, Cambridge  
 Randall William Childress, Kettering  
 Roger Kay Chitty, Sabina  
 Joann Zallen Cleckner, Columbus

Michael LaVerne Cline, Lexington  
 Sally Diehl Clutter, Columbus  
 Claudia Reser Coe, Washington C. H.  
 Rena Susan Cohen, Columbus  
 Deborah Strader Collins, Westerville  
 Dian Wiley Connott, Xenia  
 Judith Ann Cook, Columbus  
 Linda Lee Copeland, Shelby  
 Carol Jean Core, Lima  
 Julie Rose Cornell, Amherst  
 Cheryl Romoser Craycraft, Marion  
 Karen Sutter Crownover, Mansfield  
 Theresa Roberson Curtis, Grove City  
 Antoinette Tanasichuk Cypher,  
   Columbus  
 Kathleen Whalen DeWitt, Columbus  
 Robert Edward Dickenson, Pataskala  
 David Albin Didion, Norwalk  
 Timothy Todd Diemer, Worthington  
 Allen Michael Dodge, Columbus  
 Rebecca Wiewandt Donahue,  
   Port Clinton  
 Suzanne Margaret Dorn, Columbus  
 George Alan Dougal, Scott  
 Janet Kay Douglass, Columbus  
 Garry Wayne Dunlap, Columbus  
 Donald Ray Dunn, Elyria  
 Allison Louise Edge, Columbus  
 Judith Gallogly Ehlerding,  
   Washington C. H.  
 Leah Troutman Elliott, Portsmouth  
 Daniel Edwin Epley, Worthington  
 Bruce Ira Epstein, University Heights  
 Dennis William Ervin, Columbus  
 \*Kathleen Irene Evan, Mansfield  
 David Lee Evans, Gahanna  
 Barbara Ann Everett, Lima  
 William Charles Farago, Columbus  
 Suzanne Marsha Fein,  
   Shaker Heights  
 Laura Jean Ference, Parma  
 Robert Lynn Fickle, Columbus  
 Virginia Boynton Fishburne,  
   Columbus  
 Alice J. Foley, Hilliard  
 Thomas Keasler Foutz, Portsmouth  
 Constance Love Fox, Pittsburgh, Pa.  
 Barbara Ellen Frankel, Toledo  
 Rhonda Lorraine Freedman,  
   Columbus  
 Kathryn Fowles Frissora, Lakewood  
 Marcia Ann Gall, Columbus  
 Douglas MacArthur Gates, Columbus  
 Janet Lee Gatties, Fairborn  
 Donna Jean George, Columbus  
 Beth Briner Gibbs, Dayton  
 Gail Susan Ginsberg, Plainview, N.Y.  
 Sylvester Lewis Glass, Columbus  
 Lynne Shaffer Goldsmith, Galion

Denise Goodrich, Columbus  
 Karen Sue Gould, Omaha, Neb.  
 David Bruce Grant, Columbus  
 Nena Eubanks Green, Columbus  
 Susan Elaine Green, Caledonia  
 Michael Lawrence Greene, Columbus  
 Louise Alice Grossner, Shaker Heights  
 Sharon Lee Haggerty, Avon Lake  
 Sharon Pierce Haggard, Waynesfield  
 Kathleen Boyd Hahn, Marysville  
 Deborah Lorraine Hall, Kettering  
 Barbara Carol Halter, Conneaut  
 Judith Ann Haney, Pataskala  
 Dieter Friedrich Hansen, Columbus  
 \*David Henry Harmon, Mansfield  
 Jacquelyn Haworth Harms, Columbus  
 Martha Jane Harris, Wintersville  
 Sharon Marie Harris, Columbus  
 Mark Dennis Hartman, Granville  
 Joan Elizabeth Hay, Poland  
 Marcia Ann Hayden, New Lexington  
 Patricia Jane Frazier Hazlett,  
   Springfield  
 Sharon Marie Heit, Trotwood  
 Elizabeth E. Helmuth, Plain City  
 Vicki Due Hendricks, Cincinnati  
 Katherine Ellenwood Hetzer,  
   Columbus  
 Jeanne Boals Hickie, Mansfield  
 Gayle Gene Higgins, Utica  
 Terry William Hill, Columbus  
 Janza Helene Hilson, Port Valley, Ga.  
 Dwayne Welcome Hoffman, Marion  
 L. Jean Vanluppen Hopkins,  
   Worthington  
 William Leslie Horning, Crestline  
 Susan Mary Horstman, Columbus  
 Cynthia Kay Hoskey, Chesterville  
 Colleen Rae Howard, South Euclid  
 Douglas Alan Hugel, Cleveland  
 Loretta Jean Hummel, Columbus  
 Ann Louise Hutcherson, Zanesville  
 David Michael Hutchings, Columbus  
 Sandra Lee Hutchison, Columbus  
 Aristotle Louis Hutras, Dover  
 Marian Ciriachi Hutson, Columbus  
 Barbara Cohen Isaacs, Cleveland  
 Nancy Hairston Ivers, Columbus  
 Marcia Lynn Jacobs,  
   Richmond Heights  
 William Vincent James, Columbus  
 Lois Schicker Johnston, Columbus  
 Barbara Patrice Jones, Columbus  
 Margaret Boyce Jones, Kirtland  
 Linda Slusher Joseph, Columbus  
 Margaret Ruth Kaiser, Columbus

\* Also Bachelor of Arts, Colleges of the Arts and Sciences.

Mary Keeran Karl, Sidney  
 Rebecca King Karnap, Columbus  
 Joan Marie Kaul, Brooklyn  
 Mary Ann Keckstein, Columbus  
 Joel Randolph Kefuss,  
   Cleveland Heights  
 Cathryn Luck Kellerman, Akron  
 Keith Leroy Kemper, Columbus  
 John Robert Kesler, Columbus  
 Josephine Constance Kestella,  
   Marysville  
 Rita Clay Kimmey, Mt. Gilead  
 Larry Joe Kirk, Columbus  
 Judith Lynn Kishman, Lorain  
 Darla Winkler Klukas, Lima  
 Nancy Corrao Kormanik, Columbus  
 Stanley Mark Kowalski, Columbus  
 Steven John Kozsey, Painesville  
 \*Karen Ann Kramer, Delaware  
 John Frederick Krumholtz, Dayton  
 Sandra Lee Kucinski, Cleveland  
 Carolyn Zita Kundert, Delphos  
 Denis Harry Lambillotte,  
   Worthington  
 Charla Joyce Lautar, Columbus  
   Cert. Grad. Dent. Hyg.  
 William Earl Lawson, Mechanicsburg  
 Helene Gaye Laxer, Fort Lee, N. J.  
 Linda Chandler Lehman, Lima  
 James Joseph Leonard, Columbus  
   B.A.  
 Marsha Ruth Levine, Columbus  
 Barbara Ellen Linger, Lorain  
 Donald Clinton Lloyd, Columbus  
 Janet Strunk Lobdell, Lima  
 Kathleen Coleman Lorenz, Mansfield  
 Martha Kessler Lozano, Columbus  
 \*Michael Lee Ludlow, Urbana  
 Catherine Lynch Luten, Columbus  
 Sue Graf Lutterbain, Wapakoneta  
 Josephine Ann Malmgren,  
   Greenwich, Conn.  
 Mary Birchfield Martin, Sunbury  
 Michael Timothy McAndrew,  
   Columbus  
 Kathleen Marie McCann Columbus  
 Colette Armstrong McCloskey,  
   Columbus  
 Richard Joseph McCloskey, Jr.,  
   Columbus  
 Michael James McCreary, Columbus  
 Jerry David McCreery, Baltimore  
   B.S. (Capital University)  
 Marlene Meese Mendenhall, Newark  
 David Louis Merchant, Columbus  
 Merrlyn Patricia Migliore,  
   Worthington  
 Margaret Rose Miller, Miamiville  
 Richard Lee Miller, Columbus

Mildred Downs Mitchell, Prospect  
 Margaret Mary Modecki, Marietta  
 Elizabeth Ann Moore, Circleville  
 Kathleen Sue Moran, Columbus  
 Virginia Ann Morelli, Steubenville  
 Sharon Lee Mosley, Wapakoneta  
 Charles Ernest Mustard, Columbus  
 Susan Douglass Muth, Columbus  
 Patricia Ann Newton, Loudonville  
 Carol Riggle Nichols, Mansfield  
 Diane Herd Noble, Hebron  
 Theresa Lynn Noon, Columbus  
 Yvonne Fuller Oaks, Bellefontaine  
 Margaret Stewart Oxley, Columbus  
 Patricia Ann Painter, Circleville  
 Charles Lovett Palmer, III, Columbus  
 Howard Ellis Parker, Columbus  
 John Edward Parsons, Norwood  
 Bernard Francis Paumier, Baltimore  
 Douglas Richard Petersen, Avon  
 Stanford Marc Platt, Beachwood  
 Louise Elizabeth Pohlman, Delphos  
 Robert Wilson Porter, Lima  
 Debra Hardman Pottenger, Fairfield  
 Sheila Diane Powell, Mansfield  
 Deborah Bennett Price, Columbus  
 Daiva Kristina Ramonas,  
   Richmond Heights  
 Barbara Farr Rash, Columbus  
 Richard Morgan Rees, Kent  
 Donna Glenn Reid, Cleveland  
 Kathryn Elaine Reilly,  
   Cuyahoga Falls  
 Errole Donnard Rembert, Cleveland  
 Christine Jaeger Ricketts, Columbus  
 Miriam Seitz Riddlebaugh, Galion  
 James Alfred Riley, Newark  
 Kathy Lynn Rittman, Columbus  
 Cheryl Smith Robbins, Columbus  
 Deborah Burkhart Roberts, Marietta  
 Harold Eugene Roberts, Jr.,  
   Martins Ferry  
 Virginia Marie Rodeman, Toledo  
 Janette Siedel Roemer, Columbus  
 Mary Rothbarth Rosenberg,  
   St. Louis, Mo.  
 Robin Jean Rosenfeld, Columbus  
 Lubomyra Holowaty Rozsa, Columbus  
 Debra Claire Ruben, Norfolk, Va.  
 Ronald Ruggiere, Levittown, N. Y.  
 Cheryl Lucille Sandberg, Columbus  
 Karen Elaine Sanders, Lakeview  
 Edita Anna Schmidt, Mansfield  
 Paul Francis Schodorf, Columbus  
   B.A.  
 Shirley Ann Shade, Versailles  
   Cert. Grad. Dent. Hyg.

Gwen Abrams Shar, Baltimore, Md.  
 Susan Lynn Sharrett, Bloomingburg  
 Darlene McFarland Shore, Cambridge  
 Margaret Lynn Simpson, Heath  
 Joel Ira Skolnik, Cleveland  
 James William Slack, Jr., Zanesville  
   B.A. (Otterbein College)  
 Ruth Ann Hunter Smith, Westerville  
 Sylvia Claire Smith, Columbus  
 Constance Sue Sneary, Lima  
 Colleen Ann Spires, Columbus  
 Deborah Snyder Stanfield, Ashland  
 Mildred Buchner Steiner, Mansfield  
 Marsha Ellen Stenzel, Fairview Park  
 Jack Edward Stevenor, Columbus  
 Steven Thomas Storer, Columbus  
 Steven Eugene Stump, Columbus  
 Judith Lynn Sullivan, Cincinnati  
 Richard Lee Swogger, Lexington  
 Janice Dennis Taylor, Xenia  
 Willie Mervin Teague Youngstown  
 Joslyn Ann Thomas, Chillicothe  
 Linda Brelsford Thomas, Columbus  
 Yvonne Andrews Thornton, Dayton  
 Edward Allen Thurman, Shelby  
 Linda Carole Tillman, Columbus  
 Patricia Joan Toberen, Columbus  
 Annette Topping, Xenia  
 Beverly Jayne Tranter, Wellsville  
 Thomas Edward Trittschuh,  
   Greenville  
 Donna Morris Turner, Lexington  
 Rosalind Mae Upson,  
   University Heights  
 Georgia Yvonne Vrahotes, Toledo  
 \*Barbara Lynn Walovich, Mansfield  
 Jane Ellen Walters, Columbus  
 Cathy Diana Waugh, Columbus  
 Mary Wehrman Weaver,  
   Pittsburgh, Pa.  
 Denise Webber, Cleveland  
 Diane Ackerman Weber, Columbus  
 John Wayne Weese, Columbus  
 Donna Maribeth Weiss, Hamilton  
 Stanley Mark Weller, Lima  
 Peggy Jean Wells, Columbus  
 Ronald Douglas Whitacre, Westerville  
 Sarah Ellen White, Sylvania  
 Linda Sue Whiteman, Columbus  
 Rita Mae Wienken, Ottawa  
 Vicki Lu Wilson, West Liberty  
 Richard Jefferson Winegardner.  
   Newark  
 Jerry Lee Woodruff, Hilliard

\* Also Bachelor of Arts, Colleges of the Arts and Sciences

\*\* Also Bachelor of Science in Agriculture, College of Agriculture and Home Economics

## College of Engineering

Dean: Harold A. Bolz

Linda Marie Woods, Navarre  
John Howard Woolard, Newark  
Claudia Irene Wren, Lima  
Christina McNew Yahn, Mt. Sterling  
Jerome Lee Yanevich, Columbus  
Pamela Kristine Yerian, Springfield  
Jane Marie Zackeroff, Warren  
Charles David Zimmerman, Collins  
Margaret Rose Zone, Cleveland

### **Bachelor of Art Education** Offered jointly by the College of The Arts and the College of Education

Seven candidates

Deborah Lynn Jones, Ada  
Beverly Sue Miller, Columbus  
Ann Cashman Peters, Columbus  
\*Frederick Ion Reed, Columbus  
Ellyce Stacy Simon,  
Highland Park, Ill.  
James Arnold Smith, Columbus  
Diane Helen Zoldan, Youngstown

### **Bachelor of Music Education** Offered jointly by the College of The Arts and the College of Education

Four candidates

Charles Henry Cheuvront, Lima  
\*\*David William Donovan, Lebanon  
Alicia Vermel Fryson, Youngstown  
Sarah Ellen Stemen,  
Canal Winchester

### **Bachelor of Science in Aeronautical and Astronautical Engineering**

Four candidates

Raymond Alfred Johnson,  
Sutton, Mass.  
David Forbes Rogers, Hudson, N. H.  
Craig Eugene Thompson, Ashland  
Henry Lee Wise, Dayton

### **Bachelor of Science in Ceramic Engineering**

Three candidates

Jay Richard Moore, Lancaster  
Edwin Wilson Schmidt, Jr., Greenfield  
Patrick Michael Stephan, Canton

### **Bachelor of Science in Chemical Engineering**

Two candidates

William Bennett Clark, Toledo  
Timothy John Thomas,  
Cuyahoga Falls

### **Bachelor of Science in Civil Engineering**

Five candidates

John Marshall Bright, Portsmouth  
Michael Thomas McKibben,  
Miamisburg  
Ralph Edward Ruckel, Columbus  
Kenneth Lee Smarke, Columbus  
John Russell Williamson,  
Gettysburg, Pa.

### **Bachelor of Science in Computer and Information Science**

Thirteen candidates

Joseph Arthur Beebe, Columbus  
B.M.E.  
Arthur Hubert Fallon, Pickerington  
George Allison Flowers, II, Elyria  
Robert David Halprin, Columbus  
Richard Douglas Henry, Columbus  
Michael Vincent Joyce, Parma

Lick Hong Leung,  
Wanchai, Hong Kong  
Steven James Miller, Troy, Mich.  
Billy Richard Naylor,  
Washington C. H.  
Michael F. Niemann, Columbus  
Harry Reinhardt, Hackensack, N. J.  
Richard Henry Schmits, Cincinnati  
Richard Lee Scott, Columbus

### **Electrical Engineer**

One candidate

Hosam Gamal Eldin Ismail, Columbus  
B.S.E.E. (Cairo University, Egypt)

### **Bachelor of Electrical Engineering**

Four candidates

†James Robert Brown, Mansfield  
†Kevin Charles McDonough, Elyria  
†David Allen Shafer, Columbus  
John Arthur Stahler, Chesterland

### **Bachelor of Science in Electrical Engineering**

Eight candidates

Richard Brooke Bemiller,  
Grove City, Pa.  
Richard Lewis Clouse, Newark  
Lawrence John Downey, Caldwell  
Stephen Henry Eppig,  
Cleveland Heights  
Eugene James Kotrba,  
Garfield Heights  
Gerald John Lehner, Willowick  
Thomas Clark Nation, Bellevue  
Edwin Chester Wright, Jr., Columbus

### **Bachelor of Science in Engineering Physics**

Three candidates

Patrick Lawrence Crow, Danville  
Victor Jackson Harris, II, Marysville  
Neal Frederick Levine, Columbus

\* Also Bachelor of Fine Arts, Colleges of the  
Arts and Sciences

\*\* Also Bachelor of Music, Colleges of the  
Arts and Sciences

† Also Master of Science, Graduate School

### **Bachelor of Industrial Engineering**

Two candidates

\*David James Harshman, Columbus  
David Harrison Hoffmeister,  
North Olmsted

### **Bachelor of Science in Industrial and Systems Engineering**

Seven candidates

Robert Ernest Arbogast, Mt. Sterling  
Mark Alan Bradway, Smithville  
Philip Marvin Breinich, Galion  
John Edward Mosier, Columbus  
Stephen B. Schramm, Steubenville  
Robert William Spisak,  
Middleburg Heights  
Gregory Scott Zivoder, Mentor

### **Bachelor of Science in Mechanical Engineering**

Eleven candidates

Richard Jeff Cole, Painesville  
William Roger Dillon, Scottown  
Ralph Joseph Dybiec, Garfield Heights  
Richard Aquinas Knuff, Mentor  
Steven Kenichi Matthew, Dayton  
Alfred Carl Policy, Youngstown  
Patrick Edward Scharf, Marion  
Lowell Wendell Shelly, Thornville  
Richard Louis Utecht, Cincinnati  
David Alan Wagner, Euclid  
Michael Lee Winland, West Jefferson

### **Bachelor of Science in Metallurgical Engineering**

Three candidates

Theodore Clyde Armbruster,  
Columbus  
Donald Robert Kitchen, Dayton  
Guy Christopher Nicholson, II,  
Grove City

### **Bachelor of Welding Engineering**

One candidate

\*George Fayer, IV, Elyria

### **School of Architecture**

#### **Bachelor of Science in Architecture**

Twenty-six candidates

Daniel Edward Bly, Kettering  
Paul Robert Burgunder,  
Pittsburgh, Pa.  
Larry Francis Caldwell, Columbus  
David Richard Cooper, Columbus  
Gregory Alan Frosberg,  
Wilmington, Del.  
Charles Gary Gerard, Mt. Vernon  
Frank Joseph Gruchalla, Jr.,  
Columbus  
B.S. Geol. Eg. (Saint Louis  
University)  
Joseph John Kaweck, Columbus  
Robert Keith Larrimer, Columbus  
Carol Jean Light, Girard  
Farley Marc Lozowick, Hillside, N. J.  
Daniel John Miller, Columbus  
Dennis Michael Murphy, Bucyrus  
Scott Alan Phillips,  
Birmingham, Mich.  
Robert James Polcar, Garfield Heights  
James Michael Pollifrone,  
Eatontown, N. J.  
William Joseph Riat, Columbus  
David Leo Schmitt, Glenshaw, Pa.  
Paul Anton Schmitt, Franklin, N. Y.  
Alan Marc Schneider, Fairlawn, N. J.  
Gregory Edward Sekreta,  
Plainview, N. Y.  
John Michael Smales, Marietta  
Joseph Wayne Sullivan,  
Jane Lew, W. Va.  
Mark Edward Tanner,  
Ellwood City, Pa.  
John Gregory Willi, Troy, N. Y.  
Thomas Joseph Woodman, Avon Lake

#### **Bachelor of Science in Landscape Architecture**

One candidate

Terry Clinton Slider, Worthington

## **College of Medicine**

Dean: Henry G. Cramblett, M.D.

### **Doctor of Medicine**

Nineteen candidates

Robert Claude Brooks, Rocky River  
B.A. (Ohio Wesleyan University)  
Frederick Lawrence Cohen, Toledo  
B.S. (University of Michigan)  
Joseph George Engelman, Columbus  
A.B. (Miami University)  
David Christopher Fabrey,  
Perrysburg  
A.B. (Dartmouth College)  
Joel Irwin Fisher, Canton  
Edward Clark Hall, IV, Cincinnati  
B.A. (Miami University)  
Stephen Ellsworth Helms, Poland  
A.B. (Youngstown State University)  
Arthur Gregory Laurell, Findlay  
B.S. (Cornell University)  
David H. Levine, Youngstown  
A.B. (Case Western Reserve  
University)  
Ricky Lee Long, Latham  
B.A. (Miami University)  
Frank Joseph Mayo, Warren  
B.A. (Denison University)  
Timothy John McDonough,  
Fairview Park  
B.S. (John Carroll University)  
Joseph Jesse Meli, Akron  
B.S. (University of Akron)  
John Lincoln Moore, Springfield  
A.B. (Case Western Reserve  
University)  
Thomas John Nickras, Cleveland  
B.S. (University of Dayton)  
James Kevin O'Donnell, Wickliffe  
B.S. (John Carroll University)  
Francis Timothy Reineck, Toledo  
B.S. (University of Toledo)  
Ronald Nesbitt Rhodes,  
McLean, Va.  
B.S. (Purdue University)  
John Michael Stachler, Dayton  
B.S. (Ohio University)

\* Also Master of Science, Graduate School

## School of Allied Medical Professions

### Bachelor of Science in Allied Health Professions

Forty-six candidates

Janice Lynn Achberger, Akron  
Beth Sue Adelman, Canton  
Donna Rae Alvord, Middlefield  
Martha Mary Bohlen, Cincinnati  
Eugenia Elaine Calle, Akron  
Elizabeth Ann Carleton, Columbus  
Debra Kay Dahl, Sunset Lake, Mich.  
Norma Kathleen Dansby, Akron  
Marcia Burruss Duncan, Columbus  
Linda Sue Fleming, Ada  
Lucy Alice Frazier, Orient  
Cathy Marie Goers, Fairborn  
Sally Virginia Greer, Newark  
Cristine Sutter Hecht, Mansfield  
John Walter Heinz, Millersburg  
Judith Hirst Horton, Dayton  
Mary Jane Jolliff, Lafayette  
Lynne Ellen Jones, Fairview Park  
Sandra Lee Jones, Toledo  
Mary Elizabeth Kapcar, Marion  
Joyce Ann Killen, Columbus Grove  
Geri Anne Lazarus, Pittsburgh, Pa.  
Randall Lynn McColister, Columbus  
Carol Ann Mersfelder, Cincinnati  
Kathlyn Marie Miller, Cincinnati  
Cynthia Elaine Moore, Elyria  
Marsha Gay Newkirk, Lancaster  
Esther Deborah Nyer,  
University Heights  
Katherine Hannah Oates,  
Cumberland, Md.  
Darlene Rouch Olson, Warren, Pa.  
Donna Jeanne Petty, Navarre  
Cynthia Irene Pler, Columbus  
Kathryn Louise Ramm, Toledo  
Diane Lynn Robinson, Solon  
Joanne Irene Schmidt, Swanton  
Teresa Jean Schmidt, Columbus  
Neill Ann Schultz, Sandusky  
B.A.  
Debra Hicks Seurlock, Portsmouth  
Jeffery Lin Smith, Phoenix, Ariz.  
David Charles Stanley, Columbus  
Nancy Gottschling Stills, Lakewood  
Deborah Lee Warden, Dayton  
Janie Ellen Warfield, Newark  
Nancy Virginia Wharton,  
Youngstown  
Diane Heydinger Winger, Bucyrus  
Nancie Ellen Zetts,  
Broadview Heights

### Certificate of Nurse Anesthetist

Three candidates

Veronica Gonzales Haverick,  
Columbus  
Gail Kathryn Larkin, Reynoldsburg  
Jean Frances Sens, Marion

### Certificate of Post Baccalaureate Medical Technologist

Two candidates

Davis Middleton Stroop, Columbus  
B.S. (Ohio University)  
Peggy Coleman Wilson, Columbus  
B.A. (Fisk University); M.S.

### Certificate of Post Baccalaureate Physical Therapist

Nineteen candidates

B.S. (Kent State University)  
Jack Ross Baker, Cadiz  
Mark Dorian Beissel,  
Ann Arbor, Mich.  
B.S. (University of Michigan)  
Deanna Lorenz Bukovec, Lakewood  
B.S. Nurs.  
Steve John Cygan, Toledo  
B.A., B.S. (University of Toledo)  
Joan Elizabeth Fette, Lancaster  
B.S.Ed. (Ohio University)  
Maria Teresa Frick, North Olmsted  
B.S. (Ohio University)  
Jay Steven Frye, Greencastle, Ind.  
B.A. (DePauw University)  
Frank Thomas Gargon, Medina  
B.S.Ed. (Kent State University);  
M.S. (University of Washington)  
Kay Augustine Graham, Keswick, Ia.  
B.A. (Grinnell College)  
Stuart Alan Harris,  
San Rafael, Calif.  
B.S.Ed. (University of Toledo)  
Michael Steven Jackson, Dayton  
B.S. (University of Dayton)  
Maurita Ann Johns, Centerville  
B.S. (Bowling Green State  
University)  
Daniel Frank Kahsar, Cincinnati  
B.S.Ed. (Miami University)  
Danetha Masters Kapral, Southington  
B.A. (Kent State University)  
Paul Randle Logan, Shaker Heights  
B.S.Ed. (Central State College)

Kathleen Anne Page, Rocky River  
B.S. (University of California,  
Davis)  
Mary Margaret Pope, Mechanicsburg  
B.S. (Saint Francis College)  
Mary Linda Sotak, Masury  
A.B. (Youngstown State  
University)  
Barbara Marie Walkowsky,  
North Olmsted  
B.A. (Kent State University)

## The School of Nursing

### Bachelor of Science in Nursing

Eighteen candidates

Rita Marie Armstrong, Columbus  
Gloria Jean Caprino, Marion  
Susan Cook Dawson, Columbus  
Jeanne Lorelei Grube, Middletown  
Lynne Anne Kanatas, Columbus  
Carole Jane Kientz, Grove City  
Miriam Lorene Kuhn, Columbus  
B.A., M.A. (Bob Jones University)  
Constance Lydia Loydall, Vermilion  
Lois Ellen Myers, Mt. Gilead  
Evaline Taylor Nicolls, Hudson  
Yvonne Eleanor Rawraway,  
Cleveland Heights  
Wanda Wynn Richard, Columbus  
Jenny Grabitz Roberts, Euclid  
Kathleen Chullie Santho, Columbus  
Rebecca Anson Schmidt, Springfield  
Karen Mae Smith, Lakewood  
Nancy Louise Stingley, Wilmington  
Elizabeth Clare Wagner, Barberton

**College of  
Veterinary Medicine**

Dean: C. Roger Smith, D.V.M.

**Doctor of Veterinary Medicine**

One candidate

Barbara Jude Jordan, Hamden, Conn.  
B.S. (University of New Hampshire)

## Graduates With Honors

### Summa Cum Laude

James Joseph Antal, Seven Hills  
Susan Oberschlake Bowen,  
Hamersville  
Wendy Lynette Bray,  
Wilmington, Del.  
Gloria Jean Caprino, Marion  
Claudia Reser Coe, Washington C. H.  
Dian Wiley Connett, Xenia  
Ray Landes Drusekik, Dayton  
Barbara Ann Everett, Lima  
Nena Eubanks Green, Columbus  
Louise Alice Grossner, Shaker Heights  
Eric Davis Gyllenhaal, Bay Village  
Janice Cooper Hartstein, Columbus  
Joan Elizabeth Hay, Poland  
Sharon Lou Hoelscher, New Knoxville  
Jean Vanluppen Hopkins,  
Worthington  
Barbara Cohen Isaacs, Columbus  
Ira Charles Kaplan, Cincinnati  
Judith Ann Loeber, Mansfield  
Kevin Charles McDonough, Elyria  
Mildred Downs Mitchell, Prospect  
Carol Sue Nack, Columbus  
Carol Riggie Nichols, Mansfield  
Katherine Hannah Oates,  
Cumberland, Md.  
Margaret Stewart Oxley, Columbus  
Phillips Timothy Ruffalo, Youngstown  
David Michael Schultz, Springfield  
Richard Lee Scott, Columbus  
David Allen Shafer, Columbus  
Sylvia Claire Smith, London  
David Alan Wagner, Euclid  
Elizabeth Clare Wagner, Barberton  
Ronita Lynn Wright, Mansfield

### Summa cum laude and with Distinction in Agricultural Economics

Carl Robert Zulauf, Nevada

### Summa cum laude and with Distinction in History

Minda Susan Frahm, Baltimore, Md.

### Summa cum laude and with Distinction in Psychology

Cheryl Ann Newton, Newark

### Cum Laude

Kenneth Melvin Barnes, Elyria  
Victoria Lynn Belfiglio, North Canton

Timothy J. Boone, Bellefontaine  
Eugenia Elaine Calle, Akron  
Kathleen Deanna Cannon, Columbus  
Priscilla Lynn Chamberlain,  
Bay Village  
Susan Cook Dawson, Columbus  
Timothy Todd Diemer, Worthington  
David Allen Dudley, Findlay  
Elizabeth Ann Duym,  
Little Silver, N. J.  
Pamela Powers Ervin, Columbus  
Kathleen Irene Evan, Mansfield  
Norman Ernest Facter  
Constance Love Fox, Pittsburgh, Pa.  
Timothy Lee Gardner, Zoar  
Denise Goodrich, Columbus  
Gary Michael Gorman, Columbus  
David James Harshman, Columbus  
Cristine Sutter Hecht, Mansfield  
Douglas Eugene Hill, Columbus  
Paula Christine Horvath,  
North Olmsted  
Loretta Jean Hummel, Columbus  
Janis Connin Jones, Columbus  
Roger Dwight Jones, Delaware  
Mary Elizabeth Kapcar, Marion  
Robert Jay Kellerman, Columbus  
Keith Leroy Kemper, Columbus  
Sharon Elizabeth Kendall, Columbus  
Geri Ann Lazarus, Pittsburgh, Pa.  
Linda Chandler Lehman, Lima  
Janet Strunk Lobdell, Lima  
James Robert Luckhaupt, Columbus  
Joseph A. Malecki, Columbus  
Joseph William Marotta, Brook Park  
Colette Armstrong McCloskey,  
Columbus  
Robert Frederick Mitchell, Columbus  
John Edward Mosier, Columbus  
Karen L. Nielsen, Columbus  
Diana Lynn Oditt, Dayton  
Ann Marie Olson, Westerville  
John Edward Parsons, Norwood  
Robin Jean Rosenfeld, St. Louis, Mo.  
Rosemary Stefanka, Findlay  
Timothy John Thomas,  
Cuyahog Falls  
Stephen Farrell Tipton,  
San Diego, Calif.  
Tamela Anson Turner, Akron  
Richard Alan Vogt, Norwalk  
John Michael Walker, Lima  
Judith Ann Walter, Columbus  
Ronald Clinton Werner, Columbus  
Martin Fred White, Warren  
Jerry Lee Woodruff, Hilliard  
Claudia Irene Wren, Lima  
Mary Beth Zak, Brooklyn

### Cum Laude and With Distinction in Art

Russell Earl Douglass, Delaware

### Cum Laude and With Distinction in Comparative Literature

Susan Elaine McNally,  
Floral Park, N. Y.

### Cum Laude and With Distinction in Dairy Science

Mary Carol Joyce, Baden, Pa.

### Cum Laude and With Distinction in History

Joyce Spray Anderson, Columbus

### Cum Laude and With Distinction in Horticulture

Laura Lee Williams, Dayton

### Cum Laude and With Distinction in Natural Resources

Jeffrey Michael Reutter, Willoughby

### Cum Laude and With Distinction in Political Science

Steven Kendall Holloway, Columbus

### Cum Laude and With Distinction in Psychology

Jay Edward Fisher, Columbus

### Cum Laude and With Distinction in Speech Communication

Diane Paul Brown, Pittsburgh, Pa.

### With Distinction in Agricultural Economics

Gary Nelson Bovard, Utica  
Faustino Uchiri Ccama,  
Azangaro, Peru

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THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND EIGHTY-NINTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, September 7, 1973

The Board of Trustees met at its regular monthly meeting on Friday, September 7, 1973, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Don M. Hilliker, Chairman, James W. Shocknessy, William C. Safford, John H. Dunlap, John L. Gushman, Howard D. Sirak, Patricia D. James, and Chester Devenow.

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Minutes of the last meeting were approved.

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September 7, 1973 meeting, Board of Trustees

REPORT BY CHAIRMAN

Mr. Hilliker made the following statement:

I would like to say a few words which I believe are of importance to the Board. We have now had our first month of operation under the new committee structure and I want to take this opportunity to extend my thanks to those members who have expressed a willingness to take the time, and it will take a considerable amount of time and energy, to make this committee structure work. Some of you have already had to take off full days from your work and have driven many miles--I do want you to know that it is appreciated.

Mr. Harrod's Buildings and Grounds Committee met on August 21 in Lima which I understand was a very fruitful meeting. Later in the agenda I would like to have just an informal report from Mr. Devenow since Mr. Harrod has been called out of the state.

Mr. Gushman's Educational Affairs Committee met in Lancaster last Friday following the Summer Commencement and spent a considerable amount of time discussing the President's organizational plan. I was present and I thought it was a fine meeting. I will ask Chairman Gushman also to report later this afternoon on that meeting.

Mr. Safford's Finance Committee met today at 1:00 p.m. I have said this before and I want to say it again, I have a very comfortable feeling with Bill Safford as Chairman of this Committee.

As I said at the beginning, I realize that this committee approach is certainly not the answer to all Board problems. And I'm sure that it probably has some rough spots in it. But it was not pulled out of a hat. There was considerable study given to some 25 or 30 committee-oriented Boards before this structure was proposed, and I intend to give it a fair trial during my term as Chairman which will end May 1974. Now that you have had an opportunity to work with this committee structure--I would appreciate your thinking. Do you like it--what is good or bad about it?

In response to Mr. Hilliker's question, Mrs. James indicated that earlier this year she had attended the meeting of the Association of Governing Boards. In the round table discussions as well as in informal discussions, differing policies of various universities were examined. She found that other participants expressed some astonishment that this University's Board was able to operate effectively working without a committee structure but as a Committee of the Whole. Mrs. James expressed the belief that the committee structure will help the Board fulfill its statutory responsibility and its responsibility to the University community.

Mr. Safford indicated that he was well satisfied with the existing committee structure.

Mr. Devenow said he thought it is an effective way to "zero in on" some educational problems. It also affords, in his opinion, an opportunity to brief each other on the various problems being reviewed by the various committees.

September 7, 1973 meeting, Board of Trustees

REPORT BY CHAIRMAN (continued)

Mr. Dunlap said that while his committee had not as yet had a meeting that they would be having one shortly. He expressed his enthusiasm for the committee structure as exemplified by the Educational Affairs Committee meeting which he had attended.

Mr. Hilliker then asked Mr. Shocknessy if he wished to pursue any questions concerning the Board's committee structure.

Mr. Shocknessy said that he wished to clarify one point and that was that the Board had prior to this year had committees. He also stated that he had raised several questions concerning the committee structure in a letter to the Secretary since this information had been forwarded to him by the Secretary and that he had not received a response to his letter except for an acknowledgment.

Mr. Hilliker responded that while it was correct that the Board has always had one or two committees, the Board had not heretofore been committee structured so as to enable it to "zero in on" specific problems. He also stated that according to the Board minutes of the July 6 meeting, Mr. Shocknessy did approve of the committee structure since it was indicated to be a unanimous vote.

Mr. Shocknessy again raised the question of the lack of a response to his letter.

Mr. Hilliker then indicated there are a couple of things that needed to be said and as Chairman he was going to say them. "I guess they have to do with what I consider to be my policy as your Chairman for the next nine months. I want the Board to feel free at any time to call me day or night if there is anything that you wish to discuss. I want the Board to feel free at any time to write me. I will take time off and I will sit down with you and discuss whatever issue is of concern to you. I cannot promise you that I will have the answers because I am sure that in most cases I will not, but, I can promise you that I will try to get the answers for you. However, I will not, and I repeat, I will not answer copies of letters that are sent to me and addressed to someone else."

Mr. Shocknessy said he had addressed a letter to the Secretary of the Board and asked him to deliver it to Mr. Hilliker.

Mr. Hilliker in response said that Mr. Shocknessy had his address and if he wished any communication with him to write him directly.

Mr. Shocknessy said that he had written Mr. Hilliker an earlier letter and that he had yet to receive a response to it.

Mr. Hilliker replied that he was prepared to discuss any letter he had a copy of today or any time. And further, that he wanted any Board member not to hesitate at any time to discuss any issue frankly and fully at the Board meetings. He said, however, that he would not permit in his remaining time as Chairman anybody on the Board, on the staff, or persons attending the meetings to clutter up issues, take time with nitpicking, with headline seeking, or with trivia. He reiterated that he was available for discussion or any assistance that he might be able to give.

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September 7, 1973 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM

President Enarson reported to the Board the deaths of Jane Barton, Instructor in the Cooperative Extension Service; Harry W. Cordell, Associate Professor Emeritus in the College of Administrative Science, James F. Fullington, Professor Emeritus in the Department of English; David M. Harrison, Professor Emeritus in the Department of Economics; John G. Ketterer, former Member and Chairman of the Board of Trustees; George Elwyn Large, Professor Emeritus in the Department of Civil Engineering; Richard M. Mall, Director of Alumni Affairs, Executive Director of The Ohio State University Development Fund, Editor of The Ohio State University Monthly, and Professor of Speech Communication; Harry W. Rogers, Professor Emeritus in the Department of Romance Languages; Wilbur M. Tidd, Professor in the Department of Zoology; S. Rains Wallace, Professor and Chairman in the Department of Psychology; and Eugene J. Weigel, Professor and Director Emeritus in the School of Music. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Jane Barton

The Board of Trustees of The Ohio State University expresses its sorrow at the untimely death on May 16, 1973, of Jane Barton, Instructor in the Cooperative Extension Service.

Mrs. Barton was born June 29, 1913, on a farm near Sycamore, Ohio. She was graduated from Sycamore High School in 1931 and married Charles Barton May 25, 1931. The Bartons farmed and operated several businesses.

With the opening of the Marion Branch Campus of The Ohio State University, Jane Barton started her college training. She transferred to Heidelberg College, Tiffin, receiving her B.A. degree in home economics in 1963. She joined the Cooperative Extension Service on June 16, 1963. In August 1969, she completed her M.S. degree at The Ohio State University specializing in clothing.

Mrs. Barton loved her work and was especially effective in working with the disadvantaged. She influenced many girls to seek careers in home economics. She was an active member of the Ohio Cooperative Extension Agents Association, the Ohio Home Economics Association, and the American Home Economics Association serving as a committee member of the latter association.

On behalf of the University community, the Board of Trustees expresses its deepest sympathy to the family of Mrs. Barton. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to Mr. Barton as sincere appreciation of the loss which the family, the University, and her many friends and associates have sustained.

RESOLUTIONS IN MEMORIAM (continued)

B. Harry W. Cordell

The Board of Trustees expresses its sorrow at the death on July 17, 1973, of Harry W. Cordell, Associate Professor Emeritus in the College of Administrative Science.

Born in Moundsville, West Virginia, in 1883, Dr. Cordell received a Ph.B. from Hiram College in 1908. He was Pastor of the Fourth Street Christian Church in Harrisburg, Pennsylvania, the following year and of the Northside Christian Church in Cincinnati from 1909 to 1913. He left the ministry in 1913 for graduate study at the University of Chicago, receiving his A.M. in 1915.

Dr. Cordell began his teaching career at Washington State College in 1917 and served as Chairman, Department of Economics and Business Administration from 1920 to 1927. He came to Ohio State under a University Fellowship in 1927 and was awarded a Ph.D. in 1930. He began his teaching career in 1928 and continued until his retirement in 1953. His primary interest was in advertising, and he was a member of the Advertising Club of Columbus for many years. He was an honorary member of Theta Chi and Phi Kappa Phi fraternities.

Although he had left the ministry, Dr. Cordell remained active in the church, serving as Elder and Chairman of the Board of West Fourth Avenue Church of Christ in Columbus. He was an active Mason, a past Master of the University Lodge #631 in Columbus, and also belonged to the York Rite. His primary hobby was music, and he had a large collection of records.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

C. James F. Fullington

The Board of Trustees of The Ohio State University expresses its sorrow at the death on July 14, 1973, of James F. Fullington, Professor Emeritus in the Department of English.

Professor Fullington was born in Marysville, Ohio, in 1895. A 1916 graduate of this University, he served with distinction in France during the first World War. He received a M.A. from The Ohio State University, a second M.A. from Harvard University, and a Ph.D. from Ohio State. He was a member of the faculty of this University from 1922 until his retirement in 1965. From 1936 until 1952, the rapidly changing years of depression, war, and the post-war expansion of the University, he was Chairman of the English Department; in those years, in the words of one of his successors, he turned "an inferior, provincial" department into "one of the major departments in the country."

RESOLUTIONS IN MEMORIAM (continued)

C. James F. Fullington (continued)

He provided administrative leadership, an atmosphere conducive to excellence in teaching and research, and the warmth of personal friendship for the distinguished faculty he brought to the University. In 1952 he became Dean of the Arts and Sciences College, serving with distinction in that post until 1957.

Although he was a great administrator and scholar, Professor Fullington will perhaps best be remembered as a teacher. He was regarded with affection and respect by generations of students, especially the many who took his highly popular course in The Bible, which he taught regularly even during his many years as an administrator. His achievements as a teacher were recognized when he received, in 1965, the Alumni Award for Distinguished Teaching.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

D. David M. Harrison

The Board of Trustees of The Ohio State University expresses its sorrow at the death on June 17, 1973, of David M. Harrison, Professor Emeritus in the Department of Economics.

Professor Harrison was born in Loyahanna, Pennsylvania, on March 21, 1902. He received the B.S. degree from Ursinus College in 1929, having been engaged in several business employments before his college years. He received the M.A. degree in 1933, and the Ph.D. degree in 1940 from Duke University. He was appointed as Instructor of Economics at Duke University in 1933 and at The Ohio State University in 1934. In 1942 he transferred to war work with the U. S. Office of Price Administration, returning to Ohio State in 1944 as Assistant Professor of Economics. From 1946 to 1959 he was an Associate Professor of Economics, and from 1959 until his retirement in 1970 he was a full Professor. He was also a Visiting Professor at the University of California at Berkeley in 1946 and at Ohio Wesleyan University in 1958 and 1959. He was Staff Economist at the Air Force School of Logistics from 1954 to 1963, and Consultant to the Economic Mobilization Branch, Industrial College of the Armed Forces in 1956.

The official record of "Dave" Harrison's life, however, doesn't quite capture its real quality to those who lived and worked with him over the decades at Ohio State. The one word seemingly most strongly projected by that life is sincerity. There was nothing "catchy" or flamboyant or pretentious about the man. Fads come and go among professional economists, as elsewhere in life, but they touched David Harrison lightly, if at all. "Publish or perish" could pass as the guiding rule for academic advancement, but to Dave, it had to take inferior status to the central focus of higher education upon the endless



RESOLUTIONS IN MEMORIAM (continued)

D. David M. Harrison (continued)

task of assisting young inquirers gain for themselves both broader and deeper understandings of their chosen fields of work. The Harrison office door was always open, as was the willingness of the man at the desk to talk at any length to any student who felt the need of his counsel. David Harrison never lacked for students of a quieter, more serious type who appreciated his sincerity and scholarly competence.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

E. John G. Ketterer

The Board of Trustees expresses its sorrow upon the death on August 8, 1973, of its former member and Chairman, John G. Ketterer, of North Canton.

Mr. Ketterer served as a Trustee of this University from 1963 to 1971, the last two years as Chairman. At the completion of his Board membership, he continued his distinguished service to his alma mater by accepting an appointment as the citizen-at-large member and the Chairman of the Consultative Committee to Advise in the Selection of a President. He directed this activity until early in 1972 when illness necessitated his resignation.

He had been active also in alumni affairs and had served as President of the University Alumni Club of Stark County.

Born in Woodsfield, Ohio, Mr. Ketterer attended Villa Nova College briefly before entering Ohio State, where he received the Bachelor of Arts and the Juris Doctor degrees. He was elected to the Order of the Coif.

He entered the practice of law in Canton in 1925, specializing in general corporation practice and labor law, and rose to become a senior partner in the law firm of Day, Ketterer, Raley, Wright & Rybolt.

His many civic services included membership on the Board of Advisors of Walsh College and the Board of Trustees of Timken Mercy Hospital. He also had served as a Director of the Ohio Ferro-Alloys Corporation.

On behalf of The Ohio State University community, the Board of Trustees expresses its great sense of loss and deepest sympathy to Mrs. Ketterer and the sons and daughters. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that copies be tendered the family as sincere expressions of the Board's sense of understanding of the loss which the family and the University have sustained.

RESOLUTIONS IN MEMORIAM (continued)

F. George Elwyn Large

The Board of Trustees of The Ohio State University expresses its sorrow at the death on June 28, 1973, of George Elwyn Large, Professor Emeritus in the Department of Civil Engineering.

Professor Large was born in Whigville, Ohio, July 20, 1899. He received his Bachelor of Science Degree in Civil Engineering and his Professional Degree, Civil Engineer, from the University of Washington in 1922 and 1929 respectively.

Professor Large began his service to The Ohio State University in 1923 as an Instructor in the Department of Engineering Drawing. From 1924 to 1929 he served as an Assistant Production Engineer with the Buckeye Steel Castings Co. He returned to The Ohio State University in 1929 as an Assistant Professor in Civil Engineering and as a Research Engineer with the Engineering Experiment Station. He was promoted to Associate Professor in 1934 and to Professor in 1942. He served as Chairman of the Department of Civil Engineering from 1947 until 1953 when he returned to full time teaching as Professor. Upon his retirement in 1964 he became Professor Emeritus. Also during the above period of time he served as Structural Engineering Consultant to the University Architect, and to many private consulting and industrial firms.

Professor Large was nationally recognized as an authority on reinforced concrete. His book, Basic Reinforced Concrete Design, first published in 1950, became the leading text in its field. The second edition followed in 1957 and the third edition (with co-author T. Y. Chen) in 1969. He was author and co-author of four Engineering Experiment Station Bulletins and of many technical papers and reports. He was a member of Sigma Xi, Tau Beta Pi, Chi Epsilon, Triangle Fraternity and Texnikoi. He was a member of the American Society for Engineering Education, a Fellow in the American Society of Civil Engineers (President of the Central Ohio Section in 1947) and a member of the American Concrete Institute, in which he was active as a member and chairman of various committees. He was listed in Who's Who in America.

Professor Large developed and taught courses in reinforced concrete design, plain concrete, materials, soils, and engineering problems. He was a perfectionist in his work and expected the same from his students. His contributions to the profession were important and reflected his ideals as a teacher and as an engineer.

On behalf of the University, the Board of Trustees expresses to his family its deepest sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

RESOLUTIONS IN MEMORIAM (continued)

G. Richard M. Mall

The Board of Trustees of The Ohio State University expresses its sorrow at the death on August 28, 1973, of Dr. Richard M. Mall, Director of Alumni Affairs, Executive Director of The Ohio State University Development Fund, Editor of The Ohio State University Monthly, and Professor of Speech Communication.

Dr. Mall was born in Cambridge, Massachusetts, on January 15, 1919. He received his Bachelor of Science Degree in Industrial Journalism from Kansas State University in 1940 and both his M.A. and Ph. D. degrees from The Ohio State University in 1949 and 1952 respectively.

Dr. Mall began his association with The Ohio State University in 1947 after serving as Associate Professor of Speech at Kansas State University and as an officer with the Ninth Armored Division in Europe during World War II.

During his years of graduate study at Ohio State he served as an Instructor in Speech and as Assistant to the President of Peoples Broadcasting Co., and as Director of Public Affairs for WLW-C Television, Columbus.

He was named Director of Alumni Affairs, Executive Director of The Ohio State University Development Fund and Editor of The Monthly in 1967 by the Board of Directors of The Ohio State University Association. He retained his faculty appointment in the Department of Speech Communication and continued to guide and counsel graduate students, while directing the variety of activities involving the more than 50,000 members of the Alumni Association, and the 35,000 supporters of the Development Fund.

His distinguished listing of civic and community service included membership on the Board of Governors of the Columbus chapter of the National Academy of Television Arts and Sciences, Radio and Television Coordinator for two Statehouse Conferences on Education, Director of the Advance Placement Program for Ohio, Chairman of the Christmas Seal Campaign in Franklin County, Chairman of the Easter Seal Campaign in Franklin County, Chairman of the Council on Intercultural Education for the Columbus Board of Education, and founder of the Motorists and Pedestrian Safety Campaign conducted throughout Metropolitan Columbus.

A devoted family man, he was active in the affairs of Maple Grove United Methodist Church in Columbus and served as President of the PTA at Whetstone High School in Columbus.

For many years he had been featured as Judge Merrill on the Columbus television program, "Traffic Court," and won many plaudits for his portrayal on that entertaining and informative program.

He will be long remembered by thousands within and without the University community--his faculty and administrative colleagues, his students, the many members of the alumni body, and faithful television viewers--for his facile

RESOLUTIONS IN MEMORIAM (continued)

G. Richard M. Mall (continued)

and captivating delivery, the wisdom of his words, the timeliness of his thoughts and above all, his enthusiasm for the cause of higher education and his total dedication to improvement of the world about him.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a small and humble expression of the Board's heartfelt sympathy in its bereavement.

H. Harry W. Rogers

The Board of Trustees of The Ohio State University expresses its sorrow at the death on July 9, 1973, of Harry W. Rogers, Professor Emeritus in the Department of Romance Languages.

A native of Dayton, Ohio, Professor Rogers' long association with The Ohio State University began as an undergraduate student in 1916 and continued until his retirement in 1968. He completed his degree program with a B. A. in 1925 and M. A. in 1928 and began his teaching career in the Department of Romance Languages in 1925. Besides his duties as a teacher of Spanish, Professor Rogers served for many years as coordinator of language instruction for French and Spanish.

In 1952, he participated with Professors Kenneth Abbott and the late John B. Titchener of the Department of Classics, in the preparation of a series of courses that eventually led to the establishment of the Division of Comparative Literature. Professor Rogers served as Chairman of the Division from its inception to the time of his retirement.

On behalf of the University, the Board of Trustees expresses to his family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

I. Wilbur M. Tidd

The Board of Trustees of The Ohio State University expresses its sorrow at the death on June 30, 1973, of Wilbur M. Tidd, Professor of Zoology, Department of Zoology, College of Biological Sciences.

Dr. Tidd was born in McGuffey, Ohio, on October 4, 1903. He completed his college preparatory course at Alger High School and went on to earn all three of his degrees at The Ohio State University; the Ph. D. was awarded in 1937. His association with The Ohio State University began in 1927 when he was appointed as a Teaching Assistant. He was promoted through the academic ranks and became a Professor of Zoology in 1956.

RESOLUTIONS IN MEMORIAM (continued)

I. Wilbur M. Tidd (continued)

His colleagues will remember him as an enthusiastic, energetic teacher who was constantly concerned about students, their learning processes and personal contact. Parents of his students wrote letters indicating their gratitude for his personal attention to student problems. His most recent teaching assignment involved lecturing on evolution to large classes of a hundred or more students. He tried to give each and every one of them the same personal attention when they came to him for assistance. Many of the students were pre-professional majors in Zoology and Dr. Tidd was always careful to prepare personal and detailed letters of recommendation to professional schools.

Dr. Tidd, in recent years, became very active in a research program involved with the description, identification and quantification of whirling disease (Myxosoma) in trout. His methods and techniques have been adopted throughout North America and he was constantly sought-after as a speaker and visitor to federal and state hatcheries and fish disease laboratories. He published over 30 technical papers, many of them in recent years as a result of his unique research on fish diseases. His enthusiasm was infective and he was anxious to enlarge and expand his research projects and programs.

Dr. Tidd was a member of six professional societies and was elected a Fellow of the Ohio Academy of Science and The American Association for the Advancement of Science. He was listed as a scientist in Who's Who and in the American Men of Science. He gave unselfishly of his time and effort when it came to University Committee assignments serving for several years on the Executive Committee of the Graduate School and the Conference Committee of the Teaching Staff.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a small and humble expression of the Board's heartfelt sympathy in its bereavement.

J. S. Rains Wallace

The Board of Trustees of The Ohio State University expresses its sorrow at the death on August 28, 1973, of S. Rains Wallace, Professor and Chairman of the Department of Psychology, College of Social and Behavioral Sciences.

Dr. Wallace was born in McMinnville, Tennessee, on December 19, 1913. He will be remembered for his teaching. His classroom career began with his appointment as Instructor in Psychology at The Ohio State University in 1936. He taught at Tulane and Yale Universities and returned to campus teaching at Ohio State in 1970. At the Life Insurance Agency Management Association (LIAMA) in Hartford, Connecticut, he established and supported a large, effective educational division. But his finest teaching took place in the daily contacts he had with hundreds of friends and associates. The

RESOLUTIONS IN MEMORIAM (continued)

J. S. Rains Wallace (continued)

mark of his teaching was not just the breadth of his knowledge, the excellence of his preparation, or the skillfulness of his presentation, but it is found in the mastery, the achievement, the growth, and the understanding of his students.

Dr. Wallace's career as a scholar began at the University of Virginia where he received his bachelor's degree in 1934, his master's degree in 1935, and the doctorate in 1937. His work on vision and perception was published in the finest journals of the day. Early in his career he established a pattern which he followed throughout his life: he not only engaged in scholarly work on his own, but he also took responsibility for supporting the scholarship of others. During World War II he headed research efforts on the selection of the air crew members, and at LIAMA he built what is today the world's finest center for the application of psychological methods and theories to organizational problems. His work on employee selection and development is a model of scholarly effort. Dr. Wallace wrote extensively, and was editor of Personnel Psychology. Running throughout his scholarship was the vision that research and application are interdependent.

Dr. Wallace was a wise and effective leader, and his skills were widely known and admired. They were manifest in his work in the Army Air Corps, as Chairman of Psychology at Tulane, as Vice President for Research at LIAMA, as Behavioral Science Advisor to the Secretary of Defense, as President of the American Institutes for Research and as Chairman of Psychology at The Ohio State University.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a small and humble expression of the Board's heartfelt sympathy in its bereavement.

K. Eugene J. Weigel

The Board of Trustees of The Ohio State University expresses its sorrow at the death on August 11, 1973, of Eugene J. Weigel, Professor and Director Emeritus of the School of Music.

Professor Weigel was born in Cleveland, Ohio, in 1894. He was educated in the Cleveland Public Schools, Columbia University, the Institute of Music in Berlin, and The Ohio State University from which he received both the Bachelors and Masters degrees.

Professor Weigel taught in the Cleveland Public Schools from 1923 to 1928 and was appointed Professor in the Department of Music at The Ohio State University in 1929. In 1940 he was named Chairman of the Department and in 1945, Director of the newly formed School of Music in which position he served until his retirement in 1959.

RESOLUTIONS IN MEMORIAM (continued)

K. Eugene J. Weigel (continued)

Professor Weigel's name will always be intimately associated with The Ohio State University Marching Band, which he developed into one of the finest organizations of its kind in the nation and which subsequently has exerted profound influence on marching band techniques and styles throughout the world. During his tenure as chief music administrator at the University, the Department of Music achieved the status of a School, enjoyed a three-fold increase in faculty and student body, enlarged its curriculum to embrace all the traditional areas of music instruction, was granted membership in the National Association of Schools of Music, and attained an enviable reputation for the excellence of its total music programs. Professor Weigel not only served as conductor of the Marching Band but was also, for some years, conductor of the University Symphony Orchestra and the University Concert Band. Under his directorship these ensembles performed innumerable concerts on campus, in downtown Columbus, and in various communities throughout Ohio.

Professor Weigel was extremely active in the cultural life of Columbus and occupied, among others, the positions of Conductor of the Columbus Civic Opera Company from 1933 to 1937 and President of the Columbus Philharmonic Association from 1943 to 1945. He was always a vigorous leader in the field of music education, both in the state and nation, and was recognized for his accomplishments in this area when he received the Ohio Music Education Association's distinguished service award in 1957.

Professor Weigel's many and varied contributions to music at The Ohio State University and to the profession of music in general will long be remembered and valued by his many colleagues, friends, and students. His fundamental integrity and vigor, his deep sense of discipline, and his forthrightness are qualities that guided and counseled both his faculty and students.

On behalf of the University, the Board of Trustees expresses to his family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

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President Enarson presented the following recommendations:

September 7, 1973 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS

A. Budget Statement

President Enarson made the following statement:

At the June meeting, this Board, at my request, approved a provisional budget for this current year since we had not at that time received our appropriation from the General Assembly. The General Assembly has now enacted an appropriation bill for the 1973-1975 biennium as well as a separate bill mandating pay increases for classified personnel. The 1973-1974 budget, which I am now presenting for your consideration, reflects the following substantial changes from the previously approved budget.

Income

The instructional subsidy provided by the State is slightly above what was previously anticipated both for the Columbus campus and regional campuses. There was also included a supplemental appropriation which will assist in funding classified employee special pay increases provided by the General Assembly. Earlier estimates of income from federal grants and contracts have been revised upward based upon increased activity in this area. And, there have been increases in both federal and state appropriations for Cooperative Extension. Finally, this budget has been generally modified upward to reflect increased rates. These increases are necessary to provide for classified pay increases mandated by the 110th General Assembly.

Expense

The expense budget for the Columbus campus, our regional campuses, and our auxiliary operations, now include the cost of increases for classified salaries and wages and related benefits. The budget also reflects increased expenses because of increased volume in federal grants and contracts. Also, the personnel services and operating budget for the Columbus campus have been adjusted to incorporate mandated Federal minimum wage increases, and utility and other rate increases, from funds which have previously been shown in the reserve category.



I. GENERAL RECOMMENDATIONS (continued)

A. Budget Statement (continued)

President Enarson's statement (continued)

Expense (continued)

This budget is balanced. A minimal, but adequate general reserve, of \$2 million is provided. Assuming our current enrollment estimates are reasonably accurate and assuming there will be no dramatic court decisions which directly affect non-resident fees, this is a workable budget. We are particularly pleased that it has not been necessary to increase the student fees. Indeed, we have decreased the part-time fees. We are also pleased that we have been able to provide a substantial increase to our classified personnel. Even though these increases were substantially more than anticipated in our provisional budget, they are well deserved. We regret, however, that we were unable to provide the same level of increases for instructional and professional staff. The average increase of 4% does not even enable our people to maintain the purchasing power they had last year. The impact of inflation continues to be severe and we cannot in good conscience be satisfied with this year's increase to our faculty and administrative and professional personnel. Unfortunately, this situation is further complicated by the inequities created to a number of these people by the classified service increases mandated by the General Assembly. To the limit of our resources, we will do our utmost to eliminate at least some of the greatest of such inequities during the year.

General Financial Planning for the  
Second Year of the Biennium

The State subsidy support formula contained in Amended Substitute House Bill 86, provides for the first time an increase in the support factors in the second year of the biennium. This represents a departure from the previous biennia. It will no longer be necessary for the University to set aside funds from the first year's budget so as to provide for the second year increases. Part of the anticipated increase in subsidy for the second year of the biennium will be offset by projected decreases in enrollment making necessary further budgetary retrenchments. At the same time it is essential that we improve substantially the salaries

BUDGETS FOR THE 1973-74 YEAR

	Actual 1972-73*	Provisional Budget 1973-74	Proposed Budget 1973-74
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Current General Unrestricted			
Columbus Campus			
Personnel Services	\$100,546,970	\$ 99,451,000	\$101,206,000
Operating and Equipment	22,360,196	21,414,000	22,060,000
All Other	<u>8,679,258</u>	<u>6,904,000</u>	<u>5,756,000</u>
Total Columbus Campus	<u>\$131,586,424</u>	<u>\$127,769,000</u>	<u>\$129,022,000</u>
Regional Campuses			
Administration	\$ 115,000	\$ 131,000	\$ 131,000
Lima Campus	1,394,096	1,387,000	1,401,000
Mansfield Campus	1,378,325	1,293,000	1,306,000
Marion Campus	830,053	842,000	851,000
Newark Campus	1,041,292	1,167,000	1,177,000
Agricultural Technical Institute	<u>251,547</u>	<u>669,000</u>	<u>671,000</u>
Total Regional Campuses	<u>\$ 5,010,313</u>	<u>\$ 5,489,000</u>	<u>\$ 5,537,000</u>
Departmental Earnings	\$ 4,892,157	\$ 5,323,000	\$ 5,323,000
University Services	2,173,346	2,133,000	2,133,000
Research Foundation Administration	<u>1,445,527</u>	<u>1,530,000</u>	<u>1,530,000</u>
Total Unrestricted	<u>\$145,107,767</u>	<u>\$142,244,000</u>	<u>\$143,545,000</u>
Current General Restricted			
Endowments	\$ 963,286	\$ 1,000,000	\$ 1,000,000
Mershon Center	660,795	700,000	700,000
Federal Grants and Contracts	42,899,750	40,795,000	41,295,000
Ohio Grants and Contracts	2,269,886	2,200,000	2,200,000
Engineering Experiment Station	1,501,982	1,735,000	1,735,000
Development Fund	2,976,472	3,100,000	3,100,000
Other Private Gifts and Grants	1,949,454	1,834,000	1,834,000
Conference Accounts	<u>1,166,113</u>	<u>1,200,000</u>	<u>1,200,000</u>
Total Restricted	<u>\$ 54,387,738</u>	<u>\$ 52,564,000</u>	<u>\$ 53,064,000</u>
Current General Auxiliaries			
Cooperative Extension	\$ 11,672,902	\$ 11,856,000	\$ 12,317,000
University Hospitals	43,633,353	44,900,000	46,721,000
Student Housing	13,778,866	12,978,000	12,994,000
Intercollegiate Athletics	4,951,400	4,174,000	4,809,000
University Bookstores	2,899,605	2,547,000	2,630,000
Student Unions	1,801,169	1,838,000	1,838,000
Parking Facilities	1,629,912	1,481,000	1,480,000
Fawcett Center	912,293	1,020,000	922,000
Facilities Services	2,228,524	1,959,000	1,974,000
Dairy and Meat Laboratories	2,150,056	2,076,000	2,076,000
University Airport	805,763	972,000	972,000
Other	<u>531,268</u>	<u>509,000</u>	<u>509,000</u>
Total Auxiliaries	<u>\$ 86,995,111</u>	<u>\$ 86,310,000</u>	<u>\$ 89,242,000</u>
Total Current General Funds	<u>\$286,490,616</u>	<u>\$281,118,000</u>	<u>\$285,851,000</u>
<hr/>			

\*Subject to minor adjustments when final accrual accounting is completed.

SOURCES OF INCOME FOR 1973-74 BUDGET

	Actual 1972-73	Provisional Budget 1973-74	Proposed Budget 1973-74
<hr/>			
<b>Current General Unrestricted</b>			
Columbus Campus			
Instructional Subsidy	\$ 67,870,839	\$ 70,638,000	\$ 72,417,000
Student Fees	44,085,167	43,814,000	43,614,000
Carry Forward from Previous Year	4,449,069	-0-	-0-
Earnings Operations	5,377,050	4,718,000	4,718,000
Temporary Investments	1,739,879	1,700,000	1,700,000
All Other	<u>3,421,780</u>	<u>1,616,000</u>	<u>1,616,000</u>
Total Columbus Campus	<u>\$126,943,784</u>	<u>\$122,486,000</u>	<u>\$124,065,000</u>
Regional Campuses			
Lima Campus	\$ 1,566,289	\$ 1,576,000	\$ 1,572,000
Mansfield Campus	1,428,227	1,463,000	1,482,000
Marion Campus	854,870	954,000	985,000
Newark Campus	1,153,301	1,318,000	1,326,000
Agricultural Technical Institute	<u>344,003</u>	<u>748,000</u>	<u>770,000</u>
Total Regional Campuses	<u>\$ 5,346,690</u>	<u>\$ 6,059,000</u>	<u>\$ 6,135,000</u>
Departmental Earnings	\$ 5,566,819	\$ 5,419,000	\$ 5,419,000
University Services	<u>1,910,305</u>	<u>2,144,000</u>	<u>2,144,000</u>
Total Unrestricted	<u>\$139,767,598</u>	<u>\$136,108,000</u>	<u>\$137,763,000</u>
<b>Current General Restricted</b>			
Endowments	\$ 1,624,081	\$ 1,700,000	\$ 1,700,000
Federal Grants and Contracts	47,058,660	45,000,000	45,500,000
Ohio Grants and Contracts	2,269,886	2,200,000	2,200,000
Engineering Experiment Station	1,613,840	1,865,000	1,865,000
Development Fund	2,976,472	3,100,000	3,100,000
Other Private Gifts and Grants	1,966,107	1,850,000	1,850,000
Conference Accounts	<u>1,166,113</u>	<u>1,200,000</u>	<u>1,200,000</u>
Total Restricted	<u>\$ 58,675,159</u>	<u>\$ 56,915,000</u>	<u>\$ 57,415,000</u>
<b>Current General Auxiliaries</b>			
Cooperative Extension	\$ 11,672,902	\$ 11,856,000	\$ 12,317,000
University Hospitals	45,095,126	46,636,000	48,515,000
Student Housing	13,778,866	12,994,000	12,994,000
Intercollegiate Athletics	4,951,400	4,809,000	4,809,000
University Bookstores	2,899,605	2,630,000	2,630,000
Student Unions	1,357,319	1,439,000	1,439,000
Parking Facilities	1,629,912	1,480,000	1,480,000
Fawcett Center	912,293	867,000	922,000
Facilities Services	2,228,524	1,974,000	1,974,000
Dairy and Meat Laboratories	2,150,056	1,926,000	2,076,000
University Airport	840,588	1,008,000	1,008,000
Other	<u>531,268</u>	<u>476,000</u>	<u>509,000</u>
Total Auxiliaries	<u>\$ 88,047,859</u>	<u>\$ 88,095,000</u>	<u>\$ 90,673,000</u>
Total Current General Funds	<u><u>\$286,490,616</u></u>	<u><u>\$281,118,000</u></u>	<u><u>\$285,851,000</u></u>

September 7, 1973 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Budget Statement (continued)

President Enarson's statement (continued)

General Financial Planning for the  
Second Year of the Biennium (continued)

of our faculty and professional administrative personnel next year. This will require still further retrenchment. We are initiating a comprehensive review of all existing commitments of this University to see where such further cutbacks can most appropriately be made. With a broad base of cooperation and support from all the various units within this University, barring failures in anticipated enrollment projections, or additional inflationary pressure, I believe that it is possible to identify the necessary resources to support a salary plan which will place our people in a more competitive position. I hope to be back to you with such a plan at an early date.

Actual 1972-73 Expenses

The financial schedules which have been presented to you reflect actual income and expenses for the 1972-1973 year subject to minor adjustments when financial accrual statements are available. The only significant changes include an increase in federal grants and contract volume which contributed almost \$2 million toward the overall \$3 million increase. Increased activity in auxiliary operations accounted for the remainder. This final income and expense statement varied less than 1% from the amount estimated in our June presentation.

Upon motion of Mr. Safford, seconded by Dr. Sirak, the Board of Trustees approved the foregoing report by unanimous roll call vote.

B. Lincoln Tower

President Enarson made the following statement:

One of the major unresolved problems of my first year as President of this University is how best to utilize Lincoln Tower. On a number of occasions, I have discussed with you various alternatives for the utilization of this facility. I will not attempt to review that history today, but, rather, seek your concurrence for what we believe to be the best answer to this problem.

September 7, 1973 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Lincoln Tower (continued)

President Enarson's statement (continued)

You will recall that after a comprehensive review of the entire problem we initiated a request to the 110th General Assembly for the necessary financial support to renovate this facility for the purpose of housing the College of Social and Behavioral Sciences. At that time, we also requested a subsidy to cover the annual payment for the outstanding bonded indebtedness remaining on this facility.

The College of Social and Behavioral Sciences, the administration of the University, and this Board of Trustees are agreed that this was a most reasonable solution to a difficult problem. Indeed, we have been informed that there was strong sentiment in support of this solution within the General Assembly. Unfortunately, however, this plan did not receive the necessary support for funding, either for the renovation or for the bond payments. The Governor had called for a virtual moratorium on capital improvement money to higher education and, thus, a request of some six years standing for the construction of an urgently needed facility for the College of Social and Behavioral Sciences was not included in the appropriations bill. In spite of our best efforts, we still are in the untenable position of having a building that is substantially under-utilized and at the same time having a critical space shortage in our fastest growing college.

Because we can renovate Lincoln Tower at a cost of approximately \$1.5 million, a fraction of the cost of new construction, I remain convinced that this is the best possible use of Lincoln Tower. We have restudied the entire problem during the summer and I strongly recommend that we proceed in this manner, within the new resources made available to us for utility improvements and renovations for the biennium of \$2 million. We can delay no further in seeking a solution to this problem and we are persuaded that we must give first priority to this project.

We want to emphasize that in converting Lincoln Tower to an academic building, we are recommending an action which will have major, long-range benefits to the University, benefits which are academic and administrative, as well as financial. For in seeking to put Lincoln Tower to the best possible use, we have reviewed the assignment and quality of building space for the entire campus and have developed a comprehensive plan which, when fully realized over the next three years, will substantially improve the University's capacity for educational and administrative services.

September 7, 1973 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Lincoln Tower (continued)

President's Enarson's statement (continued)

The plan takes into account the new space now under construction in the University Hall complex and on the West Campus; it reviews the condition of many of the oldest buildings on campus, like Lord Hall, Student Services Building, McMillin Observatory, and many others; and it proposes the relocation of over 100 organizational and instructional units.

But the key move in the plan is Lincoln Tower. In converting Lincoln Tower to an academic facility, we accomplish the following academic and administrative benefits:

- it would consolidate the College of Social and Behavioral Sciences, a basic undergraduate college now scattered over 13 campus buildings, in one central location;
- it would provide, from space vacated by the Social and Behavioral Sciences, for much needed additional space for the Colleges of Administrative Science and Education;
- it would consolidate administrative support services now in Archer House, Oxley Hall, and Lincoln Tower, thereby returning Archer House and Oxley Hall to the housing system;
- it would allow the demolition of several obsolete buildings whose operating costs can no longer be justified in terms of the poor quality of space provided.

The quality and use of space of course must be our overriding concern, and our analysis of current campus buildings indicates that at least nine of them, built at the beginning of this century, are in very poor condition.

The implications of this decision should be clearly understood. Drastic cutbacks will be necessary in the current biennium and the following biennium in a variety of much needed, high priority, renovation projects; including Hayes Hall, Hughes Hall, and Brown Hall which have been scheduled for remodeling. In my judgment, we must be prepared to defer all other projects, to get on with a solution to the space needs of the College of Social and Behavioral Sciences. The second major implication of this decision is that we will have no other choice than to fund the bonded indebtedness of Lincoln Tower from the general funds of the University for at least the next

I. GENERAL RECOMMENDATIONS (continued)

B. Lincoln Tower (continued)

President Enarson's statement (continued)

two years. There is also the risk that we might be forced to continue funding this indebtedness from general funds beyond this period unless we are successful in winning the support of the Regents and the next General Assembly. The sad truth is that we will be draining our financial resources which come from State subsidy and student fees to meet these bond payments and this cannot help but have some impact on the quality of our educational programs.

The reluctance of the General Assembly to address itself to this problem we are told is largely caused by its awareness that several of the State universities have similar dormitory problems. The Chancellor of the Ohio Board of Regents recently has indicated that he intends to initiate a study of this problem on a state-wide basis and based upon his findings will make an appropriate recommendation to the next General Assembly upon this matter. We are most hopeful that the next General Assembly will support a reasonable solution to this problem.

We have a moral obligation to our students and faculty to continue to pursue everything within our means to obtain financial relief from this situation. Hopefully, it will come from the next General Assembly.

It is completely unreasonable to leave Lincoln Tower dark. It is also unrealistic to continue maintaining this facility as part of the residence system. Thus we seek your authorization to proceed to implement this decision. At subsequent meetings I will report on our progress in this matter and present specific requests for your consideration in implementing this decision.

Mr. Shocknessy suggested that the Legislature might wonder why the University requested State support for this project which was not provided and now the University has found the money to fund this project from within existing funds.

The President responded by saying that even though we are using existing resources for this project, we will be draining our financial resources which come from State subsidy and student fees to meet these bond payments which cannot help but have a direct effect on the quality of our educational program.

Upon motion of Mrs. James, seconded by Dr. Sirak, the Board of Trustees approved the foregoing recommendation with seven affirmative votes: Mr. Hilliker, Mr. Shocknessy, Mr. Safford, Mr. Dunlap, Mr. Gushman, Dr. Sirak, and Mrs. James.

I. GENERAL RECOMMENDATIONS (continued)

C. Sick Leave Policy

In conformity with a provision in Amended Substitute Senate Bill 31 which was passed by the General Assembly, President Enarson recommended that the Board adopt an amended sick leave policy for principal administrative officers and senior administrative and professional staff, unclassified professional staff and classified civil service employees effective July 23, 1973, as follows:

It shall be the policy of this Board that University employees upon retirement with ten or more years of service with the State, shall be compensated in an amount not to exceed one-fourth the value of accrued but unused sick leave credit based on the employee's rate of compensation at the time of retirement. The maximum payment for any employee shall be 240 hours. The payment for sick leave under this policy eliminates all sick leave credit of the employee at the time of retirement and payment will be made only once to any employee.

Upon motion of Mr. Dunlap, seconded by Mr. Safford, the Board of Trustees approved the foregoing recommendation with seven affirmative votes: Mr. Hilliker, Mr. Shocknessy, Mr. Safford, Mr. Dunlap, Mr. Gushman, Dr. Sirak, and Mrs. James.

D. Improvements in University Organizational Structure

President Enarson made the following statement:

I thought it best to become thoroughly familiar with the existing organizational structure of the University before proposing improvements. Accordingly, I have examined at length and with considerable care present organizational arrangements and am now prepared to recommend modifications, both major and minor, which should enhance administrative effectiveness in meeting institutional goals.

In this connection, I have no illusions that these or any other realignments by themselves will work a miracle. The results of organizational change are often imperceptible in any short-run assessment of institutional performance. We are ultimately dependent on the competence, dedication, and commitment of the people who are The Ohio State University. I should add that I have inherited an organizational structure which has served the University well. However, a dynamic university requires constant renewal in all respects, including its organizational structure.



I. GENERAL RECOMMENDATIONS (continued)

D. Improvements in University Organizational Structure (continued)

President Enarson's statement (continued)

It should be stressed at the outset that very likely there is no "one best way" of structuring any large comprehensive organization. Certainly there is no prescribed "perfect organization" for the bewilderingly complex multiversity.

For one thing no university has the same mix of programs, the same history, the same clientele, the same environment, the same goals as any other university. Moreover, universities--along with business corporations, government bureaus, churches, research bodies and the like--are inhabited by different persons, with different perceptions of organization and management. Thus it is not surprising that the vast literature of higher education provides little help in resolving the organizational issues of a modern university. Nor is it surprising that there is not even standard nomenclature of job titles and administrative units, let alone a clear-cut "once and for all" definition of duties that are properly allocated as between--for example--the Vice President for Student Affairs and the Business Office, or as between the Vice President for Finance and the Vice President for Academic Affairs.

In thinking about matters of administrative structure, however, there are several obvious (and well-accepted) "principles" of good organization.

For example, there must be a "reasonable" span of control; the president with twenty-five persons reporting to him faces an intolerable burden--but the president with only two persons reporting to him risks being sealed off from necessary first-hand contact with key people and key problems.

Tasks that are closely related should be closely linked; payroll and personnel records are closely related--the library and the police are not.

"Layering" must be kept at a minimum to avoid clogged lines of communication and dissipation of effective control.

The many tasks of the University must be assembled in manageable groups. While in a sense almost all tasks in a university have an academic dimension or an impact, however remote, on the quality of education, it would be self-defeating to burden the provost with all those tasks.

September 7, 1973 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. Improvements in University Organizational Structure (continued)

President Enarson's statement (continued)

The difficulty with "principles" in administration is that they are general propositions and--as in law--general propositions do not decide concrete cases. Accordingly, in any thoughtful re-examination of organization, one's judgment and experience--even individual preference--must finally determine the precise delineation of who is responsible for what and who reports to whom.

In developing the accompanying recommendations, two considerations have been controlling:

1. Since any change is to some degree threatening to some persons and necessitates some dislocation, however temporary, no change will be proposed because it looks plausible, or "might work better" or would appear appropriate if one were designing a new university from scratch. In brief, if the structure is reasonable and the system "works," we do not propose change for the sake of change.
2. There will be no increase in costs of administration, no increase in the number of administrators, no new "layers" of administration--which so often isolate the responsible executive from a keen awareness of the problems for which he is ultimately responsible.

Before coming to the specific detailed recommendations for your consideration, may I direct attention to four general goals which I seek to achieve through those recommendations.

1. To infuse throughout all parts of the institution a concern for the primacy of academic values and educational concerns by strengthening the role of the Provost, reinforcing his responsibility for the whole broad range of academic concerns, and stressing the centrality of academic affairs in the University's mission.

The chief academic officer of the University should carry the title of Provost and the academic constellations of the University shall report to me through the Provost. As with the other senior officers, the Provost will be expected to consult with the various University officers in his sphere of responsibility and make recommendations to me concerning any necessary realignments.

I. GENERAL RECOMMENDATIONS (continued)

D. Improvements in University Organizational Structure (continued)

President Enarson's statement (continued)

2. To encourage and facilitate direct and continuing inter-actions between the President and the principal officers.

To this end, I propose a more closely knit management team, with workable spans of control, which will enable me to be linked more intimately with the major programs and operations of the University. This requires senior university officers, reporting to the President in the following areas: academic affairs, business and administration, budget and resources planning, university development, and student services. This realignment deals with each of these areas.

3. To create a new means for concentrating our staff resources on determining our future objectives, on establishing priorities, on planning programs, and allocating our resources purposefully in pursuing our agreed goals.

The Ohio State University is a multimillion dollar enterprise larger than many business corporations and government agencies. As long as steady growth was occurring, there was a fairly even balance between programs and resources. It is painfully evident that we are now entering a period marked by stable or uncertain enrollments, great inflationary pressures, and intensifying competition for state and federal resources. The need for effective budgetary planning and a matching of programs to resources are a requirement that any president must assert as a first priority.

It is necessary to establish an Office of Budget and Resources Planning, directly responsible to the President, so that major and continuing attention will be directed to matching our program priorities with our increasingly constraining fiscal resources. In this way we will most effectively meet our varied commitments and responsibilities.

4. To assure ourselves and those who support us that we are making the most effective use of resources by improving our management methods, by maximizing the return on the finances available, and by achieving closer coordination and more efficient use of all our support and service activities.

I. GENERAL RECOMMENDATIONS (continued)

D. Improvements in University Organizational Structure (continued)

President Enarson's statement (continued)

The area of business management, finance and administration is of crucial importance in the efficient operation of the University. The essential purposes of this institution--instruction--research--public service--cannot be fulfilled without sound management and effective utilization of our resources. It is necessary therefore, that one senior officer be charged with responsibility for financial and business management, physical facilities, space development, utilization and allocation, computer coordination, and other operations vital to the smooth functioning of a large and complex institution. All such operations should report to the President through a Vice President for Business and Administration.

To achieve these goals, I am recommending the following specific organizational realignments to be effective immediately:

Newly Created Authorities

Office of Vice President for Business and Administration

Office of Director of Budget and Resources Planning

Special Assistant to the President

Reassigned Authorities

University College to Office of Academic Affairs

Agricultural Technical Institute to the College of Agriculture and Home Economics

All authorities with the exception of the Office of Campus Planning and Office of Residence and Dining Halls within the Office of Administrative Operations to the Office of Business and Administration

Office of Administrative Systems to Office of Business and Administration

Office of Finance and Treasurer to Office of Business and Administration

September 7, 1973 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. Improvements in University Organizational Structure (continued)

President Enarson's statement (continued)

Reassigned Authorities (continued)

Office of Personnel Services to Office of Business and Administration

Office of Public Safety to Office of Business and Administration

Office of University Budget to Office of Budget and Resources Planning

Office of Campus Planning to Office of Budget and Resources Planning

Division of Planning Studies to Office of Budget and Resources Planning

Office of Special Projects to Office of Budget and Resources Planning

Office of Residence and Dining Halls to Office of Student Services

Office of Student Discipline Officer to Office of Student Services

Eliminated Authorities

Office of Executive Vice President

Office of Vice President for Administrative Operations

Office of Executive Director of University Planning

The accompanying chart graphically portrays the realigned organizational structure of the University.

These realignments will in all probability necessitate some further internal reorganization within the various units. Such changes, along with the Bylaws of the Board of Trustees in support of these changes and those which I have presented today, will be presented at the next Board meeting.

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I. GENERAL RECOMMENDATIONS (continued)

D. Improvements in University Organizational Structure (continued)

President Enarson's statement (continued)

It should be understood that this revised structure like any organizational structure is exceedingly time critical. With the many forces for change from both within and outside universities today, it is essential that we are prepared to accommodate change almost on a continuous basis rather than allowing such needs to accumulate until such a time that a major reorganization is necessary. Thus, I do not wish to represent these changes as the structure which I believe will somehow solve all the problems that the University is facing. Rather I believe that these shifts will assist in making this University more responsive to the problems at hand. I will be examining further organizational changes with you during the year.

In this connection, I should alert you to at least one additional area in which the existing organizational structure will be under careful review and that is the Health Sciences. This is under active study and I will be back to the Board with a recommendation when the study is completed.

Mr. Hilliker called on Mr. Gushman for a report from the Educational Affairs Committee.

Mr. Gushman made the following statement:

As you have indicated Mr. Chairman, our Committee, consisting of Mr. Dunlap, Mrs. James, and Dr. Sirak, Chairman Hilliker, President Enarson and Secretary Moulton, met last Friday in Lancaster. And may I say thanks to the Committee for meeting in Lancaster since I was unable to travel on that particular day.

The Committee spent the better part of three hours reviewing Dr. Enarson's proposed administrative realignments. A number of questions were raised by those present concerning this proposal. I should say for the benefit of the members of the Board not present at that meeting there was some concern expressed over the direct working relationship between the President and the number of major administrative officers of the University. This was of concern since we did not wish the President to be unduly burdened with administrative detail to the point that he might have less time to spend on what we believe is his number one job--planning the future and the well-being of this University. After considerable debate, Dr. Enarson convinced

September 7, 1973 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. Improvements in University Organizational Structure (continued)

Mr. Gushman's statement (continued)

the Committee that such would not be the case. The Committee finally voted unanimously to recommend this re-organization to the Board recognizing first, that any organization structure has to be dynamic and fluid and that there undoubtedly will be further changes as time goes on. Thus we are not cemented into this organization for any fixed period. And secondly, we believe that the President as the Chief Executive Officer of this University must have, within reason, the organizational structure with which he feels most comfortable and in which he believes he can operate most efficiently.

Accordingly, I move that the Board adopt this organizational structure. In making the motion, I would like to add that I urge that there be a full and free discussion at this time on this very important proposal, particularly by those members who were unable to attend our Committee meeting.

The motion was seconded by Mr. Safford, and the Board of Trustees approved the foregoing structure of the administration by unanimous roll call vote.

Mr. Shocknessy expressed the thought that the administrative realignment as presented by the President did not represent the magnitude of change which he was led to believe would be recommended, but in his opinion represented only a minor modification of the existing structure which was a testimonial in itself to the past administrations. He inquired as to the effective date of these realignments.

President Enarson indicated that they were to be effective immediately.

Mr. Shocknessy also inquired as to the implications of the proposed change in the administrative location of University College.

President Enarson responded that this realignment was simply bringing the chart in line with operating authority.



I. GENERAL RECOMMENDATIONS (continued)

E. Establishment of a Chair in Endocrinology in the College of Medicine

President Enarson recommended that a Chair in Endocrinology in the College of Medicine be designated in accordance with the wishes of a donor who prefers to remain anonymous and pursuant to an action by the Board of Trustees of The Ohio State University approved on March 3, 1972.

The donor has agreed that this Chair should be funded from income derived from deposits made in the form of a revocable trust on September 15, 1971. The income from this trust will provide sufficient funds to support the Chair in Endocrinology on an annual basis and may eventually be used to permanently endow this Chair.

The purpose of this Chair in Endocrinology shall be for the teaching of endocrinology, for the enhancement of research in endocrinology and for the development of clinical learning experiences in endocrinology, but is not necessarily limited to these three areas. Funds provided for the support of this Chair can be used for purposes of salary or program support.

At some future date, if the donor wishes, the Chair may be named in his honor.

Upon motion of Mr. Gushman, seconded by Dr. Sirak, the Board of Trustees by unanimous voice vote approved the establishment of a Chair in Endocrinology in the College of Medicine.

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II. PERSONNEL ACTIONS

In order to effect the foregoing administrative changes, the following personnel actions were recommended:

A. Newly Created and/or Modified Authorities

Edward Q. Moulton, Vice President for Business and Administration, effective immediately, at no change in salary. (Dr. Moulton will continue his administrative responsibility as Secretary of the Board of Trustees.)

Albert J. Kuhn, Provost, in the Office of Academic Affairs, effective immediately, at no change in salary.

Richard H. Zimmerman, Executive Assistant to the President and Director of the Budget and Resources Planning, effective immediately, at no change in salary.

Eric Raymond Gilbertson, Special Assistant to the President, effective October 1, 1973, at a salary of \$17,868.00 per annum.

II. PERSONNEL ACTIONS (continued)

B. Resignation

President Enarson made the following statement:

In the reorganization of my office it will be readily apparent that Ken Krouse will not be continuing as Executive Assistant to the President. To avoid any misunderstanding, I want to say that Ken advised me earlier in the year that he wished to leave the University and pursue his own professional interests. He agreed to stay at least until I could rethink the administrative organization and then to assist me in the transition. It was his wish that nothing be said of his resignation, which is effective October 15, until this time. I wish to take this occasion to thank Ken publicly for the many valuable contributions to Ohio State while serving in the President's Office since 1964. Further, I wish to express my appreciation for his cooperation during this past year. And I wish him every possible success in his new career.

Personnel actions since the July 6, 1973 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Appointments, Leaves of Absence Without Salary, and Emeritus Titles:

C. Appointments

John Anthony Walker, Associate Dean, College of The Arts, effective immediately, at No Salary. Dr. Walker will continue his appointment as Professor and Chairman of the Department of Theatre.

Francille M. Firebaugh, Associate Dean of the College of Agriculture and Home Economics, Professor and Director of the School of Home Economics, and Professor in the Cooperative Extension Service, effective immediately, at a salary of \$21,282.00 per annum. Dr. Firebaugh will continue as Professor and Chairman of the Department of Home Economics at the Ohio Agricultural Research and Development Center.

Clive W. Donoho, Jr., Associate Director, Ohio Agricultural Research and Development Center, College of Agriculture and Home Economics - Administration, (part time - 5 per cent), effective October 16, 1973, at a salary of \$1,662.00 per annum. Dr. Donoho will hold an appointment as Associate Director, Ohio Agricultural Research and Development Center, (part time - 95 per cent). He will hold the academic rank of Professor in the Department of Horticulture at No Salary.

September 7, 1973 meeting, Board of Trustees

II. PERSONNEL ACTIONS (continued)

C. Appointments (continued)

The following appointments as Acting Chairmen of Departments are effective as follows:

Frank A. Kapral, Professor and Acting Chairman, Department of Medical Microbiology, effective immediately, at a salary of \$24,648.00 per annum.

Yan Shuan Lao, Associate Professor and Acting Chairman, Department of East Asian Languages and Literature, effective October 1, 1973 through December 31, 1973, at a salary of \$17,568.00 per annum.

Heinz P. Pieper, Professor and Acting Chairman, Department of Physiology, effective immediately, at a salary of \$26,448.00 per annum.

The following appointment as Acting Director of the School of Music is effective as follows:

Donald E. McGinnis, Professor and Acting Director, School of Music, effective immediately, at a salary of \$19,212.00 per annum.

D. Leaves of Absence Without Salary

William G. Dewald, Professor, Department of Economics, effective October 1, 1973 through September 30, 1974, to accept a position as Special Assistant for Economic Analysis and Research, International Labor Bureau, U. S. Department of Labor, Washington, D. C.

Ralph E. Franklin, Professor, Department of Agronomy, effective September 1, 1973 through June 30, 1974, to continue as Soil Research Scientist with the Atomic Energy Commission.

Henry L. Hunker, Professor, Department of Geography and Division of Public Administration, effective July 1, 1973 through June 30, 1974, to do research at Battelle Memorial Institute, Columbus, Ohio.

Gordon L. Nelson, Professor, Department of Agricultural Engineering, effective September 1, 1973 through October 31, 1973, to serve as a Visiting Scholar at the Punjab Agricultural College of Agricultural Engineering, India.

September 7, 1973 meeting, Board of Trustees

II. PERSONNEL ACTIONS (continued)

D. Leaves of Absence Without Salary (continued)

William M. Boorstein, Associate Professor, Department of Metallurgical Engineering, effective October 1, 1973 through March 31, 1974, to gain practical experience in industry as a metallurgical engineer.

William B. Campbell, Associate Professor, Department of Ceramic Engineering, effective October 1, 1973 through September 30, 1974, to serve as Visiting Professor at the University of Tennessee for the academic year 1973-1974.

Ruth Currier, Associate Professor, Department of Dance, effective October 1, 1973 through September 30, 1974, to engage in a professional improvement program.

John H. Williams, Associate Professor, Department of Entomology, effective July 1, 1973 through June 30, 1974, to do research at the Ohio Environmental Protection Agency, Power Siting Commission.

Sara Foster, Assistant Professor, School of Social Work, effective October 1, 1973 through June 30, 1974, to pursue doctoral studies at the University of Wisconsin.

Dun Mow Hong, Assistant Professor, Department of Economics, Lima Campus, effective October 1, 1973 through September 30, 1974, to teach at the National Chung-Hsing University at Taiwan.

Nolan J. Rindfleisch, Assistant Professor, School of Social Work, effective July 1, 1973 through June 30, 1974, to participate in a program of professional improvement at Case Western Reserve University.

Howard Wayne Schuth, Assistant Professor, Department of Photography and Cinema, effective August 24, 1973 through July 23, 1974, to teach at Louisiana State University.

Marilyn V. Adderley, Instructor, School of Nursing, effective August 13, 1973 through July 31, 1974, to join the staff of the ECCO Family Health Center.

Donna J. Beck, Instructor, School of Nursing, effective August 29, 1973 through September 30, 1973, for personal reasons.

September 7, 1973 meeting, Board of Trustees

II. PERSONNEL ACTIONS (continued)

D. Leaves of Absence Without Salary (continued)

Bonnie J. Garvin, Instructor, School of Nursing, effective July 11, 1973 through September 16, 1973, to participate in a program of professional improvement at The Ohio State University.

Judith A. Graves, Instructor, School of Nursing, effective August 1, 1973 through August 31, 1973, for personal reasons.

Gerry D. Guthrie, Instructor, University Library, effective September 1, 1973 through September 30, 1973, to conduct a research project for The Council on Library Resources.

Ruth L. King, Instructor, School of Nursing, effective July 9, 1973 through September 30, 1973, for personal reasons.

Rachel E. Richards, Instructor, Academic Faculty of Special Services, effective July 1, 1973 through July 31, 1973, for personal reasons.

Peggy D. Wilson, Instructor, School of Allied Medical Professions, effective June 25, 1973 through September 4, 1973, to participate in a program of professional improvement at The Ohio State University.

E. Emeritus Titles

Robert H. Browning, Department of Medicine, with the title Professor Emeritus, effective July 1, 1973.

James B. Burr, Academic Faculty of Early and Middle Childhood Education, with the title Professor Emeritus, effective August 1, 1973.

John A. Eglitis, Department of Anatomy, with the title Professor Emeritus, effective July 1, 1973.

Morris B. Guthrie, Department of Medicine, with the title Professor Emeritus, effective July 1, 1973.

Robert E. Yoder, Department of Agronomy, with the title Professor Emeritus, effective July 1, 1973.

George F. Collins, Department of Anesthesiology, with the title Associate Professor Emeritus, effective July 1, 1973.

September 7, 1973 meeting, Board of Trustees

II. PERSONNEL ACTIONS (continued)

E. Emeritus Titles (continued)

Henry B. Lacey, Department of Surgery, with the title Associate Professor Emeritus, effective July 1, 1973.

Margaret F. McDonald, Department of Agricultural Economics and Rural Sociology, with the title Associate Professor Emeritus, effective July 1, 1973.

Miriam S. Mooney, School of Music, with the title Associate Professor Emeritus, effective July 1, 1973.

Ralph W. Bergman, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective July 1, 1973.

Francis W. Dalrymple, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective July 1, 1973.

Pearl S. Mullen, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective August 16, 1973.

Robin C. Obetz, Department of Medicine, with the title Assistant Professor Emeritus, effective July 1, 1973.

Rollo W. Bonnell, Department of Medicine, with the title Instructor Emeritus, effective July 1, 1973.

President Enarson recommended that the Newly Created and/or Modified Authorities, Resignation, Appointments, Leaves of Absence Without Salary, Emeritus Titles, and the personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Gushman, seconded by Mr. Devenow, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

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September 7, 1973 meeting, Board of Trustees

### III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

#### ANNUAL SUMMARY

(Fiscal Year 1972-73)

#### OFFICE OF FINANCE AND TREASURER

	Number of Projects	Level of Support	% Change from 1971-72
<u>Federal</u>			
Student	25	\$ 6,877,998.69	14
Training Grants	<u>157</u>	<u>21,612,630.71</u>	<u>(1)</u>
Total - Federal	182	\$28,490,629.40	2
<u>State</u>	16	974,826.61	76
<u>Industrial and Other</u>	<u>15</u>	<u>640,135.27</u>	<u>59</u>
Totals	213	\$30,105,591.28	4

#### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

	Number of Projects	Level of Support	% Change from 1971-72
<u>Federal</u>			
U. S. Atomic Energy Com- mission	8	\$ 453,445.00	2
National Aeronautics and Space Administration	18	497,533.00	(16)
National Science Foundation	91	3,512,050.00	43
Department of Defense	65	2,505,486.00	(37)
Health, Education, and Welfare	141	9,727,591.52	21
Other Federal	<u>42</u>	<u>3,649,901.00</u>	<u>153</u>
Total - Federal	365	\$20,346,006.52	20
<u>State</u>	12	550,686.56	231
<u>Industrial, Subcontracts, and Other Non-Federal</u>	<u>116</u>	<u>2,487,662.82</u>	<u>51</u>
Totals	499	\$23,384,355.90	24

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

THE ENGINEERING EXPERIMENT STATION

	Number of Projects	Level of Support	% Change from 1971-72
<u>Federal</u>	16	\$ 149,181.00	(32)
<u>State</u>	37	504,000.00	(17)
<u>Industrial and Other</u>	<u>311</u>	<u>483,355.00</u>	<u>38</u>
Totals	364	\$ 1,136,536.00	(3)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

	Number of Donors	Level of Support	% Change from 1971-72
<u>General Solicitation</u>	<u>31,722</u>	<u>\$ 666,630.00</u>	<u>15</u>
<u>Major Resources</u>			
Major Individual Gifts	708	\$ 2,702,755.00	8
Corporate Gifts	465	1,155,363.00	0
Foundation and Non- Profit Organization Gifts	<u>496</u>	<u>1,428,316.00</u>	<u>29</u>
	<u>1,669</u>	<u>\$ 5,953,434.00</u>	<u>11</u>
Totals	33,391	\$ 5,953,064.00	11

GRAND TOTAL - \$60,579,547.18



III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

President Enarson recommended that the following contracts and grants negotiated and monies received for the months of June and July be accepted.

Summary for June 1973

	No. of Projects/ Donors	Support Level
Office of Finance and Treasurer	39	\$9,360,013.87
The Ohio State University Research Foundation	52	2,844,752.00
The Engineering Experiment Station	4	31,456.00
The Ohio State University Development Fund	4,106	467,987.00

Summary for July 1973

	No. of Projects/ Donors	Support Level
Office of Finance and Treasurer	17	\$2,240,930.17
The Ohio State University Research Foundation	54	3,410,039.00
The Engineering Experiment Station	16	564,647.00
The Ohio State University Development Fund	3,575	479,468.71

A detailed listing of the items in each section is shown on the following pages.

Upon motion of Mr. Devenow, seconded by Dr. Sirak, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the report from the Office of Finance and Treasurer and The Ohio State University Development Fund, including the establishment of named funds, were approved by unanimous voice vote.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

A. Office of Finance and Treasurer

1. Contracts/Grants

- a. \$2,301,974.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Health Professions Capitation Grant Program, under the direction of the College of Medicine, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 E03 PE00142-08)
- b. \$2,127,725.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., to the University for the National Direct Student Loan Program, for the period July 1, 1973 through June 30, 1974. (NIH Grantee No. 766505)
- c. \$1,251,458.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Health Professions Capitation Grant Program, under the direction of the College of Dentistry, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 E03 PE00378-08)
- d. \$628,396.68 granted by State Department of Education, Division of Vocational Education, Columbus, Ohio, to the University for support of the training of teachers in Vocational Agriculture and Vocational Home Economics, under the direction of the College of Agriculture and Home Economics, for the period July 1, 1973 through June 30, 1974.
- e. \$601,367.00 granted by Department of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, Bethesda, Maryland, to the University for Mental Retardation Training, under the direction of The Nisonger Center, for the period July 1, 1973 through June 30, 1974. (Project I.D. No. MCT-000922-07-0)
- f. \$349,372.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Health Professions Special Project Grant Program, under the direction of the College of Medicine, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 D08 PE00110-04)
- g. \$327,362.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Health Professions Capitation Grant Program, under the direction of the College of Veterinary Medicine, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 E03 PE00526-04)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

A. Office of Finance and Treasurer (continued)

1. Contracts/Grants (continued)

- h. \$224,702.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Health Professions Capitation Grant Program, under the direction of the College of Pharmacy, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 E03 PE00455-04)
- i. \$156,000.00 additional grant by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., to the University for Vocational-Technical Leadership Development Program, under the direction of the College of Education, Academic Faculty of Vocational-Technical Education, for the period ending August 31, 1974. (Grant No. OEG-0-70-1945, Revision No. 3)
- j. \$131,874.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Health Professions Capitation Grant Program, under the direction of the College of Optometry, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 E03 PE00614-08)
- k. \$129,135.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Health Professions Special Project Grant Program, under the direction of the College of Pharmacy, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 D08 PE05014-03)
- l. \$110,429.00 granted by Department of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, Chicago, Illinois, to the University for Medical Student Field Experience and Health Manpower Outreach Training, under the direction of the Department of Preventive Medicine, for the period July 1, 1973 through June 30, 1974. (Project I.D. No. 05 H 000166 02 0)
- m. \$99,533.00 granted by Department of Health, Education, and Welfare, Region V, Social and Rehabilitation Service (Developmental Disabilities), Chicago, Illinois, to the University for Developing Normalization Services, under the direction of The Nisonger Center, for the period June 29, 1973 through June 28, 1974. (Grant No. 56-P-25389/5-01)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

A. Office of Finance and Treasurer (continued)

1. Contracts/Grants (continued)

- n. \$94,283.00 granted by Department of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, Bethesda, Maryland, to the University for Graduate Program in Comprehensive Health Planning, under the direction of the Department of Preventive Medicine, for the period July 1, 1973 through June 30, 1974. (Project I.D. No. CP-T 000022-05-0)
- o. \$93,923.00 granted by Department of Health, Education, and Welfare, Region V, Social and Rehabilitation Service - Rehabilitation Services, Chicago, Illinois, to the University for Traineeships in Rehabilitation Medicine, under the direction of the Department of Physical Medicine, for the period July 1, 1973 through June 30, 1974. (Grant No. 44-P-25122/5-12)
- p. \$76,994.00 granted by Columbus Metropolitan Area Community Action Organization, Columbus, Ohio, to the University for support of the New Careers Program, under the direction of the School of Social Work, for the period June 19, 1973 through June 30, 1974. (Contract No. 4)
- q. \$76,971.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Health Professions Special Project Grant Program, under the direction of the College of Optometry, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 D08 PE02043-02)
- r. \$75,000.00 additional grant by U. S. Department of Labor, Manpower Administration, Washington, D. C., to the University for Manpower Research Institutional Grant, under the direction of the Center for Human Resource Research, for the period ending July 31, 1974. (Grant No. 31-37-70-05, Modification No. 4)
- s. \$65,000.00 additional grant by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., to the University for National Conference on Career Education for Deans of Education and Professors of Educational Administration, under the direction of the Center for Vocational-Technical Education, for the period ending December 31, 1973. (Project No. OEG-0-72-0055, Revision No. 3)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

A. Office of Finance and Treasurer (continued)

1. Contracts/Grants (continued)

- t. \$64,761.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Health Professions Special Project Grant Program, under the direction of the College of Dentistry, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 D08 PE01205-02)
- u. \$53,553.00 granted by Department of Health, Education, and Welfare, Office of Child Development, Child Welfare Research and Demonstration Grants Program, Washington, D. C., to the University for Structure and Performance of Programs of Child Abuse and Neglect, under the direction of the Department of Sociology, for the period July 1, 1973 through June 30, 1974. (Grant No. OCD-CB-500)
- v. \$49,652.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Graduate Preparation for Leadership in Child Health Services, under the direction of the School of Nursing, for the period June 1, 1973 through May 31, 1974. (Grant No. 5 D10 NU00429-04)
- w. \$41,802.00 granted by State of Ohio, Department of Education, Columbus, Ohio, to the University for the development of specialists to serve the family life and impact home economics programs, under the direction of the School of Home Economics, for the period June 1, 1973 through June 30, 1974. (Grant No. 73032)
- x. \$36,000.00 granted by Ohio Real Estate Commission, Columbus, Ohio, to the University for the production of six real estate instructor manuals, under the direction of the College of Administrative Science, Academic Faculty of Finance, and will extend through Spring, 1974.
- y. \$35,792.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Clinical Chemistry, under the direction of the Department of Pathology, for the period July 1, 1973 through June 30, 1974. (Grant No. 2 T01 GM01805-06)
- z. \$27,830.00 granted by U. S. Environmental Protection Agency, Washington, D. C., to the University for Multidisciplinary Training in Water Pollution Control, under the direction of the Water Resources Center, for the period July 1, 1973 through June 30, 1974. (Grant No. T-900130)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

A. Office of Finance and Treasurer (continued)

1. Contracts/Grants (continued)

- aa. \$22,038.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Special Project Grants for Preceptorship Training, under the direction of the Department of Pediatrics, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 D08 PE08018-02)
- bb. \$21,600.00 granted by the U. S. Atomic Energy Commission, Washington, D. C., to the University for Graduate Level Trainees, under the direction of the Department of Mechanical Engineering, for the period September 1, 1973 through August 31, 1974. (Contract No. AT-(40-1)-3892, Modification No. 4)
- cc. \$16,506.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Nursing Student Loan and Nursing Scholarships, under the direction of the Office of Student Financial Aids, for the period July 1, 1973 through June 30, 1974. (I.D. No. G 7 45 0430 15 1)
- dd. \$13,849.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Clinical Psychology, under the direction of the Department of Psychiatry, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 T01 MH10778-07)
- ee. \$10,925.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Psychiatric Social Work MSW, under the direction of the School of Social Work, for the period July 1, 1973 through June 30, 1974. (Grant No. 3 T01 MH06530-16S1)
- ff. \$7,145.00 granted by Department of Health, Education, and Welfare, Region V, Social and Rehabilitation Service - Rehabilitation Services, Chicago, Illinois, to the University for Teaching Grant and Traineeships in Physical Therapy, under the direction of the School of Allied Medical Professions, for the period September 1, 1973 through August 31, 1974. (Grant No. 44-P-25124/5-10)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

A. Office of Finance and Treasurer (continued)

1. Contracts/Grants (continued)

- gg. \$6,312.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Social Work - Community Organization, under the direction of the School of Social Work, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 T01 MH10789-07)
- hh. \$6,250.00 granted by Department of Health, Education, and Welfare, Region V, Social and Rehabilitation Service - Rehabilitation Services, Chicago, Illinois, to the University for Occupational Therapy Undergraduate Traineeships, under the direction of the School of Allied Medical Professions, for the period September 1, 1973 through August 31, 1974. (Grant No. 44-P-25123/5-09)
- ii. \$5,320.00 additional grant by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Pharmacology, under the direction of the Department of Pharmacology, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 T01 GM01417-09)
- jj. \$5,000.00 granted by National Science Foundation, Washington, D. C., to the University for the purchase of instructional scientific equipment, under the direction of the School of Architecture, for the period ending June 30, 1975. (Grant GY-10982, Proposal No. 3/4680)
- kk. \$5,000.00 granted by the Federal Highway Administration, Washington, D. C., to the University for fellowship, under the direction of the Graduate School, for the academic year 1973-1974. (Grant No. DOT-FH-11-8072)
- ll. \$4,878.19 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., to the University for Veterans' Cost of Instruction Program, under the direction of the Newark Campus, for the period July 1, 1973 through June 30, 1974. (NIH Grantee No. 766505)
- mm. \$4,302.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Undergraduate Psychiatric Nursing, under the direction of the School of Nursing, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 T02 MH06375-17)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation

1. Federal Research Contracts/Grants

- a. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Ligand Reactions, Catalysis and Macrocyclic Complexes (to be known as Project No. 1501-K - Ext. #10 - Department of Chemistry).  
Gross Value - \$61,442.00.
- b. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Anabolic Control in Normal and Neoplastic Tissues (to be known as Project No. 1571-H - Sup. #1 - Department of Biochemistry).  
Gross Value - \$5,899.00.
- c. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Studies on in vivo Growth of Staphylococci (to be known as Project No. 2330-D - Ext. #4 - Department of Medical Microbiology).  
Gross Value - \$25,051.00.
- d. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Structural Investigation on Glycosaminoglycans (to be known as Project No. 2516-E - Sup. #1 - Department of Chemistry).  
Gross Value - \$8,579.00.
- e. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Metabolism of 6-Deoxyhexoses (to be known as Project No. 2701-E - Ext. #5 - Department of Biochemistry).  
Gross Value - \$11,613.00.
- f. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Electrophysiological Studies of Visual Adaptation (to be known as Project No. 2711-D - Ext. #4 - Department of Ophthalmology).  
Gross Value - \$33,761.00.



III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation

1. Federal Research Contracts/Grants

- g. National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Flutter of Thermally Stressed Plates Subjected to Large Deflections (to be known as Project No. 2792 - Sup. #4 - Department of Aeronautical and Astronautical Engineering). Gross Value - \$6,000.00.
- h. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Synthesis and Chemistry of Diazo Compounds (to be known as Project No. 2793-D - Ext. #4 - Department of Chemistry). Gross Value - \$46,384.00.
- i. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Stereochemical Studies of Adrenergic Drugs (to be known as Project No. 3034-A3 - Sup. #1 - College of Pharmacy). Gross Value - \$2,992.00.
- j. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Research into Onset of Myocardial Infarction and Sudden Death (to be known as Project No. 3059-A1 - Mod. #3 - Department of Preventive Medicine). Gross Value - \$61,500.00.
- k. Department of Health, Education, and Welfare, Public Health Service, Food and Drug Administration, Rockville, Maryland, Pathologic Support for Evaluation of Cardiotoxic Drugs in the Canine (to be known as Project No. 3242-A1 - Mod. #4 - Departments of Pathology and Veterinary Pathobiology). Gross Value - \$57,938.00.
- l. Department of Health, Education, and Welfare, Social Security Administration, Baltimore, Maryland, Disability in the United States (to be known as Project No. 3246-A3 - Ext. #2 - College of Law). Gross Value - \$39,527.00.
- m. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., National Program in Educational Leadership (to be known as Project No. 3252-A1 - Rev. #7 - Mershon Center for Education in National Security). Gross Value - \$839,868.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation

1. Federal Research Contracts/Grants (continued)

- n. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., National Program in Educational Leadership (to be known as Project No. 3252-B1 - Rev. #7 - Mershon Center for Education in National Security).  
Gross Value - \$61,934.00.
- o. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., National Program in Educational Leadership (to be known as Project No. 3252-C1 - Rev. #7 - Mershon Center for Education in National Security).  
Gross Value - \$217,138.00.
- p. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., National Program in Educational Leadership (to be known as Project No. 3252-D1 - Rev. #7 - Mershon Center for Education in National Security).  
Gross Value - \$106,060.00.
- q. Department of the Army, Harry Diamond Laboratories, Washington, D. C., Theoretical and Experimental Analysis and Antenna Designs Utilizing Computer-Aided Techniques (to be known as Project No. 3281-A1 - Mod. #P00003 - Department of Electrical Engineering, ElectroScience Laboratory).  
Gross Value - \$47,000.00.
- r. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Post Transcriptional Control in Eukaryotic Cells (to be known as Project No. 3283-A3 - Ext. #2 - Department of Physiological Chemistry).  
Gross Value - \$34,291.00.
- s. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Chemical Studies Related to Hydrocarbon Carcinogenesis (to be known as Project No. 3284-A3 - Ext. #2 - Department of Chemistry).  
Gross Value - \$48,417.00.
- t. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Research Center for Acute Spinal Injury (to be known as Project No. 3358-A1 - Sup. #1 - Department of Surgery).  
Gross Value - \$17,555.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

A. Office of Finance and Treasurer (continued)

1. Contracts/Grants (continued)

- t. \$64,761.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Health Professions Special Project Grant Program, under the direction of the College of Dentistry, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 D08 PE01205-02)
- u. \$53,553.00 granted by Department of Health, Education, and Welfare, Office of Child Development, Child Welfare Research and Demonstration Grants Program, Washington, D. C., to the University for Structure and Performance of Programs of Child Abuse and Neglect, under the direction of the Department of Sociology, for the period July 1, 1973 through June 30, 1974. (Grant No. OCD-CB-500)
- v. \$49,652.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Graduate Preparation for Leadership in Child Health Services, under the direction of the School of Nursing, for the period June 1, 1973 through May 31, 1974. (Grant No. 5 D10 NU00429-04)
- w. \$41,802.00 granted by State of Ohio, Department of Education, Columbus, Ohio, to the University for the development of specialists to serve the family life and impact home economics programs, under the direction of the School of Home Economics, for the period June 1, 1973 through June 30, 1974. (Grant No. 73032)
- x. \$36,000.00 granted by Ohio Real Estate Commission, Columbus, Ohio, to the University for the production of six real estate instructor manuals, under the direction of the College of Administrative Science, Academic Faculty of Finance, and will extend through Spring, 1974.
- y. \$35,792.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Clinical Chemistry, under the direction of the Department of Pathology, for the period July 1, 1973 through June 30, 1974. (Grant No. 2 T01 GM01805-06)
- z. \$27,830.00 granted by U. S. Environmental Protection Agency, Washington, D. C., to the University for Multidisciplinary Training in Water Pollution Control, under the direction of the Water Resources Center, for the period July 1, 1973 through June 30, 1974. (Grant No. T-900130)

September 7, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

A. Office of Finance and Treasurer (continued)

1. Contracts/Grants (continued)

- aa. \$22,038.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Special Project Grants for Preceptorship Training, under the direction of the Department of Pediatrics, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 D08 PE08018-02)
- bb. \$21,600.00 granted by the U. S. Atomic Energy Commission, Washington, D. C., to the University for Graduate Level Trainees, under the direction of the Department of Mechanical Engineering, for the period September 1, 1973 through August 31, 1974. (Contract No. AT-(40-1)-3892, Modification No. 4)
- cc. \$16,506.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Nursing Student Loan and Nursing Scholarships, under the direction of the Office of Student Financial Aids, for the period July 1, 1973 through June 30, 1974. (I.D. No. G 7 45 0430 15 1)
- dd. \$13,849.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Clinical Psychology, under the direction of the Department of Psychiatry, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 T01 MH10778-07)
- ee. \$10,925.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Psychiatric Social Work MSW, under the direction of the School of Social Work, for the period July 1, 1973 through June 30, 1974. (Grant No. 3 T01 MH06530-16S1)
- ff. \$7,145.00 granted by Department of Health, Education, and Welfare, Region V, Social and Rehabilitation Service - Rehabilitation Services, Chicago, Illinois, to the University for Teaching Grant and Traineeships in Physical Therapy, under the direction of the School of Allied Medical Professions, for the period September 1, 1973 through August 31, 1974. (Grant No. 44-P-25124/5-10)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

A. Office of Finance and Treasurer (continued)

1. Contracts/Grants (continued)

- gg. \$6,312.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Social Work - Community Organization, under the direction of the School of Social Work, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 T01 MH10789-07)
- hh. \$6,250.00 granted by Department of Health, Education, and Welfare, Region V, Social and Rehabilitation Service - Rehabilitation Services, Chicago, Illinois, to the University for Occupational Therapy Undergraduate Traineeships, under the direction of the School of Allied Medical Professions, for the period September 1, 1973 through August 31, 1974. (Grant No. 44-P-25123/5-09)
- ii. \$5,320.00 additional grant by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Pharmacology, under the direction of the Department of Pharmacology, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 T01 GM01417-09)
- jj. \$5,000.00 granted by National Science Foundation, Washington, D. C., to the University for the purchase of instructional scientific equipment, under the direction of the School of Architecture, for the period ending June 30, 1975. (Grant GY-10982, Proposal No. 3/4680)
- kk. \$5,000.00 granted by the Federal Highway Administration, Washington, D. C., to the University for fellowship, under the direction of the Graduate School, for the academic year 1973-1974. (Grant No. DOT-FH-11-8072)
- ll. \$4,878.19 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., to the University for Veterans' Cost of Instruction Program, under the direction of the Newark Campus, for the period July 1, 1973 through June 30, 1974. (NIH Grantee No. 766505)
- mm. \$4,302.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Undergraduate Psychiatric Nursing, under the direction of the School of Nursing, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 T02 MH06375-17)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation

1. Federal Research Contracts/Grants

- a. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Ligand Reactions, Catalysis and Macrocyclic Complexes (to be known as Project No. 1501-K - Ext. #10 - Department of Chemistry).  
Gross Value - \$61,442.00.
- b. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Anabolic Control in Normal and Neoplastic Tissues (to be known as Project No. 1571-H - Sup. #1 - Department of Biochemistry).  
Gross Value - \$5,899.00.
- c. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Studies on in vivo Growth of Staphylococci (to be known as Project No. 2330-D - Ext. #4 - Department of Medical Microbiology).  
Gross Value - \$25,051.00.
- d. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Structural Investigation on Glycosaminoglycans (to be known as Project No. 2516-E - Sup. #1 - Department of Chemistry).  
Gross Value - \$8,579.00.
- e. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Metabolism of 6-Deoxyhexoses (to be known as Project No. 2701-E - Ext. #5 - Department of Biochemistry).  
Gross Value - \$11,613.00.
- f. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Electrophysiological Studies of Visual Adaptation (to be known as Project No. 2711-D - Ext. #4 - Department of Ophthalmology).  
Gross Value - \$33,761.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation

1. Federal Research Contracts/Grants

- g. National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Flutter of Thermally Stressed Plates Subjected to Large Deflections (to be known as Project No. 2792 - Sup. #4 - Department of Aeronautical and Astronautical Engineering). Gross Value - \$6,000.00.
- h. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Synthesis and Chemistry of Diazo Compounds (to be known as Project No. 2793-D - Ext. #4 - Department of Chemistry). Gross Value - \$46,384.00.
- i. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Stereochemical Studies of Adrenergic Drugs (to be known as Project No. 3034-A3 - Sup. #1 - College of Pharmacy). Gross Value - \$2,992.00.
- j. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Research into Onset of Myocardial Infarction and Sudden Death (to be known as Project No. 3059-A1 - Mod. #3 - Department of Preventive Medicine). Gross Value - \$61,500.00.
- k. Department of Health, Education, and Welfare, Public Health Service, Food and Drug Administration, Rockville, Maryland, Pathologic Support for Evaluation of Cardiotoxic Drugs in the Canine (to be known as Project No. 3242-A1 - Mod. #4 - Departments of Pathology and Veterinary Pathobiology). Gross Value - \$57,938.00.
- l. Department of Health, Education, and Welfare, Social Security Administration, Baltimore, Maryland, Disability in the United States (to be known as Project No. 3246-A3 - Ext. #2 - College of Law). Gross Value - \$39,527.00.
- m. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., National Program in Educational Leadership (to be known as Project No. 3252-A1 - Rev. #7 - Mershon Center for Education in National Security). Gross Value - \$839,868.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation

1. Federal Research Contracts/Grants (continued)

- n. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., National Program in Educational Leadership (to be known as Project No. 3252-B1 - Rev. #7 - Mershon Center for Education in National Security).  
Gross Value - \$61,934.00.
- o. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., National Program in Educational Leadership (to be known as Project No. 3252-C1 - Rev. #7 - Mershon Center for Education in National Security).  
Gross Value - \$217,138.00.
- p. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., National Program in Educational Leadership (to be known as Project No. 3252-D1 - Rev. #7 - Mershon Center for Education in National Security).  
Gross Value - \$106,060.00.
- q. Department of the Army, Harry Diamond Laboratories, Washington, D. C., Theoretical and Experimental Analysis and Antenna Designs Utilizing Computer-Aided Techniques (to be known as Project No. 3281-A1 - Mod. #P00003 - Department of Electrical Engineering, ElectroScience Laboratory).  
Gross Value - \$47,000.00.
- r. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Post Transcriptional Control in Eukaryotic Cells (to be known as Project No. 3283-A3 - Ext. #2 - Department of Physiological Chemistry).  
Gross Value - \$34,291.00.
- s. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Chemical Studies Related to Hydrocarbon Carcinogenesis (to be known as Project No. 3284-A3 - Ext. #2 - Department of Chemistry).  
Gross Value - \$48,417.00.
- t. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Research Center for Acute Spinal Injury (to be known as Project No. 3358-A1 - Sup. #1 - Department of Surgery).  
Gross Value - \$17,555.00.



III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation

1. Federal Research Contracts/Grants (continued)

- u. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Spectroelectrochemistry of BioElectron Transfers (to be known as Project No. 3359-A2 - Ext. #1 - Department of Chemistry).  
Gross Value - \$34,801.00.
- v. Department of the Navy, Naval Air Development Center, Warminster, Pennsylvania, On-Aircraft Antennas (to be known as Project No. 3390-A1 - Mod. #P00002 - Department of Electrical Engineering, ElectroScience Laboratory).  
Gross Value - \$7,000.00.
- w. Department of the Army, Harry Diamond Laboratories, Washington, D. C., Theoretical and Experimental Research on Adaptive Array Antenna System (to be known as Project No. 3435-A1 - Mod. #P00002 - Department of Electrical Engineering, ElectroScience Laboratory).  
Gross Value - \$96,755.00.
- x. Department of the Air Force, Air Force Office of Scientific Research, Arlington, Virginia, Aspects of Decision Theory with Applications to Target Recognition and Digital Communications (to be known as Project No. 3444-A1 - Mod. #AFOSR-72-2351C - Department of Computer and Information Science).  
Gross Value - \$38,089.00.
- y. National Science Foundation, Washington, D. C., Surface Modes in Yttrium Iron Garnet Single Crystal Discs (to be known as Project No. 3457-A1 - Amend. #1 - Department of Physics).  
Gross Value - \$30,000.00.
- z. National Science Foundation, Washington, D. C., Dislocation Sources in the Microstrain Region (to be known as Project No. 3465-A1 - Ext. #1 - Department of Metallurgical Engineering).  
Gross Value - \$16,360.00.
- aa. National Science Foundation, Washington, D. C., Dislocation Sources in the Microstrain Region (to be known as Project No. 3465-B1 - Ext. #1 - Department of Metallurgical Engineering).  
Gross Value - \$27,640.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation

1. Federal Research Contracts/Grants (continued)

- bb. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Development of Effective Therapy for Sickie Cell Disease (to be known as Project No. 3478-A1 - Sup. #1 - Department of Medicine).  
Gross Value - \$95,572.00.
- cc. Department of Health, Education, and Welfare, Public Health Service, Food and Drug Administration, Rockville, Maryland, Develop and Conduct a Training Course for FDA Professional Personnel (to be known as Project No. 3479-B1 - Mod. #3 - College of Administrative Science, Division of Continuing Education).  
Gross Value - \$2,496.00.
- dd. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Metabolic Characteristics of Cellular Immune Response (to be known as Project No. 3488-A2 - Ext. #2 - Department of Medicine).  
Gross Value - \$32,382.00.
- ee. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Exploratory Study--Cancer Research Center (to be known as Project No. 3493-A2 - Ext. #1 - College of Medicine).  
Gross Value - \$124,223.00.
- ff. Department of Health, Education, and Welfare, Office of the Secretary, Washington, D. C., Planning, Conducting, and Reporting Upon a Conference Concerned with the Legal Rights of Retarded Citizens (to be known as Project No. 3630-A1 - Mod. #1 - College of Law).  
Gross Value - \$2,288.00.
- gg. Department of the Air Force, Air Force Office of Scientific Research, Arlington, Virginia, Cardiovascular, Renal, and Respiratory Effects of High Intensity, Intermediate Duration, Low Frequency Vibration (to be known as Project No. 3656-A1 - New - Departments of Aeronautical and Astronautical Engineering and Veterinary Physiology and Pharmacology).  
Gross Value - \$29,675.00.
- hh. Department of the Interior, Fish and Wildlife Service, Washington, D. C., Evaluation of the Effects of Stream Channelization on Warm-Water Fish Populations (to be known as Project No. 3695-A1 - New - Department of Zoology).  
Gross Value - \$56,000.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

B. The Ohio State University Research Foundation

1. Federal Research Contracts/Grants (continued)

- ii. Department of the Army, Army Mobility Equipment Research and Development Center, Ft. Belvoir, Virginia, Development of Pyro-electric Field Effect Radiation Detectors for Use in Infrared Sensing and Imaging Devices (to be known as Project No. 3697-A1 - New - Department of Mechanical Engineering [Nuclear Engineering]). Gross Value - \$25,000.00.
- jj. National Science Foundation, Washington, D. C., Mechanism of Sexual Attraction in the Lower Plants Fucus and Allomyces (to be known as Project No. 3699-A1 - New - Department of Chemistry). Gross Value - \$24,900.00.
- kk. National Science Foundation, Washington, D. C., Criteria for the Allocation of Resources to Research and Development (to be known as Project No. 3702-A1 - New - Division of Public Administration). Gross Value - \$8,900.00.
- ll. National Science Foundation, Washington, D. C., Kidney Therapy and Public Policy: A Study of Medical Innovation (to be known as Project No. 3703-A1 - New - Division of Public Administration). Gross Value - \$104,400.00.
- mm. Department of the Army, Army Air Mobility Research and Development Laboratory, Ft. Eustis, Virginia, Investigation of Gear Dynamic Signal Analysis (to be known as Project 3707-A1 - New - Department of Mechanical Engineering). Gross Value - \$31,494.00.
- nn. Department of Health, Education, and Welfare, Public Health Service, National Institute of Mental Health, Rockville, Maryland, Testing of Drug Delivery Systems for Use in the Treatment of Narcotic Addiction (to be known as Project No. 3715-A1 - New - College of Pharmacy). Gross Value - \$93,000.00.
- oo. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Mechanisms of Mitochondrial Transmission Genetics (to be known as Project No. 3720-A1 - New - Department of Genetics). Gross Value - \$32,873.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation

1. Federal Research Contracts/Grants (continued)

pp. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Biochemical Applications of Osmium Chemistry (to be known as Project No. 3721-A1 - New - Department of Biochemistry).  
Gross Value - \$20,653.00.

qq. Department of Commerce, National Oceanic and Atmospheric Administration, Boulder, Colorado, Theoretical Study of Vortex-Breakdown in Tornadoes (to be known as Project No. 3722-A1 - New - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$15,000.00.

TOTAL - Federal Research Contracts/Grants \$2,682,450.00

2. Industrial, Subcontracts, and Non-Federal Contracts/Grants

- a. Rockwell International Corporation, Columbus, Ohio, Studies of Thrust Augmentation Systems (to be known as Project No. 3625-A1 - Amend. #2 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$26,029.00.
- b. Shell Chemical Company, San Ramon, California, Dieldrin Residues from Agricultural and Municipal Sources into Lake Erie (to be known as Project No. 3672-A1 - New - Department of Entomology).  
Gross Value - \$11,797.00.
- c. Columbus Public Schools, Columbus, Ohio, Audit of the Project Assessment and Placement Models for Special Education (to be known as Project No. 3694-A1 - New - Department of Entomology).  
Gross Value - \$11,797.00.
- d. City of Columbus, Columbus, Ohio, Research Survey (to be known as Project No. 3698-A1 - New - Behavioral Sciences Laboratory).  
Gross Value - \$3,800.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation

2. Industrial, Subcontracts, and Non-Federal Contracts/Grants (continued)

- e. United Fund Health Foundation, Canton, Ohio, Effective Frozen Skin Grafts Upon Healing Wounds (to be known as Project No. 3700-A1 - New - Department of Surgery).  
Gross Value - \$14,336.00.
- f. American Cancer Society, Ohio Division, Inc., Columbus, Ohio, Immunologic Studies in Hodgkin's Disease (to be known as Project No. 3701-A1 - New - Department of Medicine).  
Gross Value - \$21,912.00.
- g. Muscular Dystrophy Association of America, New York, New York, Duchenne Muscular Dystrophy: A New Approach to Therapy (to be known as Project No. 3704-A1 - New - Department of Medicine).  
Gross Value - \$10,000.00.
- h. American Cancer Society, Inc., New York, New York, Sero-Epidemiology Study of Feline Leukemia (to be known as Project No. 3726-A1 - New - Department of Veterinary Pathobiology).  
Gross Value - \$25,000.00.

TOTAL - Industrial, Subcontracts, and Non-Federal Contracts/Grants  
\$162,302.00

C. The Engineering Experiment Station

1. Government Research Contract

EES 454X      A Community Tree Planting Plan for Upper Arlington,  
Ohio, City of Upper Arlington, Ohio.  
Gross Value - \$1,380.00.

2. Industrial Research Contracts

EES 307X      Experimental Determination of Combustibility,  
Ext. #8      American Iron and Steel Institute, New York, New  
York.  
Gross Value - \$15,000.00.

EES 441X      Columbus Region Natural Resource Data File Program,  
Academy for Contemporary Problems, Columbus, Ohio.  
Gross Value - \$7,500.00.

EES 453X      Tensile Fatigue Testing of V-Belts, Dayco Corporation,  
Springfield, Missouri.  
Gross Value - \$7,576.00.

TOTAL - Industrial Research Contracts \$30,076.00

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund

1. Gifts of \$5,000 or More

- a. \$33,345.77 from The Associates of Medicine, Columbus, Ohio, for support of the Department of Medicine General Fund.
- b. \$30,000.00 from The Willard Frost Guard Trust, Silver Spring, Maryland, for support of the Dr. Willard F. Guard Memorial (Endowment) for Veterinary Surgery.
- c. \$27,862.06 from the Department of Obstetrics-Gynecology, Inc., Columbus, Ohio, for support of the Department of Obstetrics and Gynecology Endowment Fund.
- d. \$22,550.00 from Eli Lilly and Company, Indianapolis, Indiana, for support of infectious disease research.
- e. \$16,145.00 from The Bremer Foundation, Youngstown, Ohio, for support of the College of Medicine.
- f. \$13,308.00 from John S. Vasko, M.D., Pickerington, Ohio, for support of the Thoracic Surgery Support Fund.
- g. \$12,000.00 from anonymous donor for Minority Affairs Support Fund.
- h. \$12,000.00 from Edward E. Davis, Oak Hill, Ohio, for support of the University Activities Center Fund.
- i. \$12,000.00 from Mansfield C.S.U. Scholarship Fund, Mansfield, Ohio, for support of the Mansfield Campus Scholarship Fund.
- j. \$11,605.00 from John A. Hartford Foundation, Inc., New York, New York, for support of research in pharmacologic control of portal hypertension.
- k. \$11,264.00 from Charles V. Meckstroth, M.D., Columbus, Ohio, for support of the Thoracic Surgery Support Fund.
- l. \$10,000.00 from J. F. Lincoln Family Foundation, Cleveland, Ohio, for support of the University Activities Center Fund.
- m. \$10,000.00 from James R. Riley, Worthington, Ohio, for support of the University Activities Center Fund.
- n. \$9,000.00 from Martha Holden Jennings Foundation, Cleveland, Ohio, for support of a summer workshop for Ohio School Superintendents.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund (continued)

1. Gifts of \$5,000 or More (continued)

- o. \$8,252.00 from James W. Kilman, M.D., Columbus, Ohio, for support of the Thoracic Surgery Support Fund.
- p. \$8,200.00 from The Edward Orton, Jr., Ceramic Foundation, Columbus, Ohio--\$4,100.00 for support of a fellowship in Ceramic Engineering and \$4,100.00 for support of the Orton Foundation Fellowship (this project was formerly the Orton 1971-72 Fellowship Fund).
- q. \$8,000.00 from The George Gund Foundation, Cleveland, Ohio, for support of 4-H.
- r. \$6,688.31 from the Estate of Lucille Morrissey Denney, Columbus, Ohio--\$3,344.15 for support of the Shakespeare Memorial Library in memory of Thomas Hawkes Denney, B. A. '21, and Joseph Villiers Denney, Jr., LL. B. '36; and, \$3,344.16 for support of the School of Music in memory of T. H. Denney and J. V. Denney, Jr.
- s. \$6,000.00 from the Ohio Florists Association, Columbus, Ohio, for support of its fellowship fund in the Department of Horticulture.
- t. \$5,000.00 from Forging Industry Educational and Research Foundation, Cleveland, Ohio--\$2,500.00 for the Earl M. Tilton Professorship in Mechanical Metallurgy and \$2,500.00 for support of the Tilton Professor's work.
- u. \$5,000.00 from National Machinery Foundation, Inc., Tiffin, Ohio, for support of their fund for Mechanical Engineering.
- v. \$5,000.00 from The Procter & Gamble Company, Cincinnati, Ohio, for support of their new fund for a fellowship in Chemistry.
- w. \$5,000.00 from William E. Copeland, M.D., Columbus, Ohio, for support of research and educational programs in the Department of Obstetrics and Gynecology.

2. Establishment of Named Funds

- a. \$10,000.00 by a bequest from Florence Leone Lloyd for the establishment of the Florence Leone Lloyd Scholarship Fund.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund (continued)

2. Establishment of Named Funds (continued)

Florence Leone Lloyd Scholarship Fund

The Florence Leone Lloyd Scholarship Fund was established September 7, 1973, by the Board of Trustees of The Ohio State University with a bequest through The Ohio State University Development Fund from Florence Leone Lloyd, late of Columbus, Ohio, and a distinguished member of the faculty of The Ohio State University College of Agriculture, School of Home Economics.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide scholarship assistance to a junior or senior student in home economics who ranks in the upper third of her class; said student to be selected by the Scholarship Committee of the School of Home Economics.

Should the School of Home Economics of the College of Agriculture cease to exist through any reorganization of the University, then the income may be used by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for home economics instruction.

- b. \$4,000.00 from family and friends of Dr. Grant O. Graves for the establishment of the Grant O. Graves Memorial Scholarship Fund.

Grant O. Graves Memorial Scholarship Fund

The Grant O. Graves Memorial Scholarship Fund was established September 7, 1973, by the Board of Trustees of The Ohio State University with gifts to the Ohio State University Development Fund from family and friends in memory of Grant O. Graves, B.A. '26, M.A. '29, M.D. '32, a distinguished faculty member and Chairman of The Ohio State University Department of Anatomy for many years.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.



III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund (continued)

2. Establishment of Named Funds (continued)

b. Grant O. Graves Memorial Scholarship Fund (continued)

The annual income is to be used to provide scholarship support for students enrolled in the College of Medicine who have need for financial assistance. The selection of the recipient is to be made upon the recommendation of the Dean of the College of Medicine.

Should the need for this scholarship assistance cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for medical education.

- c. \$2,846.93 from Mary Lou Johnson for the establishment of the Mary Lou Johnson Ophthalmology Fund.

Mary Lou Johnson Ophthalmology Fund

The Mary Lou Johnson Ophthalmology Fund was established September 7, 1973, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Mary Lou Johnson, M. A. '35.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used at the discretion of the Chairman of the Department of Ophthalmology in the College of Medicine.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for medical education.

### III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

#### E. Office of Finance and Treasurer

##### 1. Contracts/Grants

- a. \$721,084.17 granted by State Department of Education, Division of Vocational Education, Columbus, Ohio, for support of the teacher training programs in Manpower Development and Training, Vocational Education, Trade and Industrial Education, Guidance Services, Distributive Education, and Business and Office Education, under the direction of the College of Education, Academic Faculty of Vocational-Technical Education, for the period July 1, 1973 through June 30, 1974.
- b. \$268,708.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Health Professions Scholarship and Health Professions Student Loan, under the direction of the College of Dentistry, for the period July 1, 1973 through June 30, 1974. (I.D. No. 2 7 45 0430 15 1)
- c. \$268,708.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Health Professions Scholarship and Health Professions Student Loan, under the direction of the College of Medicine, for the period July 1, 1973 through June 30, 1974. (I.D. No. 1 7 45 0430 15 1)
- d. \$195,174.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Health Professions Scholarship and Health Professions Student Loan, under the direction of the College of Veterinary Medicine, for the period July 1, 1973 through June 30, 1974. (I.D. No. 7 7 45 0430 15 1)
- e. \$168,736.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Nursing Capitation Grant Program, under the direction of the School of Nursing, for the period July 1, 1973 through June 30, 1974. (Grant No. 2 E04 NU01080-02)
- f. \$99,028.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Comparative Pathology, under the direction of the Department of Veterinary Pathology, for the period July 1, 1973 through June 30, 1974. (Grant No. 2 T01 GM01052-11)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

F. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts/Grants (continued)

- aa. Department of the Army, Army Mobility Equipment Research and Development Center, Ft. Belvoir, Virginia, Study of Improved Thermoelectric (TE) Materials (to be known as Project No. 3714-A1 - New - Department of Mechanical Engineering).  
Gross Value - \$40,079.00.
- bb. National Endowment for the Humanities, Washington, D. C., A Complete Vocabulary of the Works of Wace and of All Extant Old French Versions of the Brut in Verse (to be known as Project No. 3724-A1 - New - Department of Romance Languages and Literature).  
Gross Value - \$41,259.00.
- cc. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Mental Health, Rockville, Maryland, Phenothiazine Metabolites as Mitochondrial Inhibitors (to be known as Project No. 3727-A1 - New - Department of Pharmacology).  
Gross Value - \$17,578.00.
- dd. Agency for International Development, Washington, D. C., Methodological and Substantive Research on Human Resource Planning in Ecuador (to be known as Project No. 3729-A1 - New - Center for Human Resource Research).  
Gross Value - \$53,000.00.
- ee. National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Studies of Heat Source Driven Natural Convection (to be known as Project No. 3746-A1 - New - Department of Mechanical Engineering).  
Gross Value - \$4,214.00.
- ff. U. S. Postal Service, Washington, D. C., Development of Optimum Transportation System by Modes: Phase I (to be known as Project No. 3748-A1 - New - Academic Faculties of Marketing and Management Science).  
Gross Value - \$40,901.00.
- gg. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Biohazards Control and Containment in Oncogenic Virus Research (to be known as Project No. 3750-A1 - New - Department of Veterinary Pathobiology).  
Gross Value - \$150,000.00.

September 7, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

F. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts/Grants (continued)

- hh. Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., The "Gatekeeper" Role in Educational Journal Publishing (to be known as Project No. 3751-A1 - New - Academic Faculty of Special Services and School of Journalism).  
Gross Value - \$9,957.00.

TOTAL - Federal Research Contracts/Grants \$2,698,377.00

2. State Research Contracts/Grants

- a. Ohio Bureau of Employment Services, Columbus, Ohio, Study of the Financing of the Ohio Unemployment Compensation Law (to be known as Project No. 3725-A1 - New - Department of Economics).  
Gross Value - \$20,813.00.
- b. Ohio Department of Mental Health and Mental Retardation, Columbus, Ohio, Preventive Mental Health Interventions in First Grade Classrooms (to be known as Project No. 3730-A1 - New - Department of Psychiatry).  
Gross Value - \$87,588.00.
- c. Ohio Department of Mental Health and Mental Retardation, Columbus, Ohio, Prediction and Comparison of Stimulant Benefit in Hyperkinetic Children (to be known as Project No. 3731-A1 - New - Department of Psychiatry).  
Gross Value - \$11,628.00.

TOTAL - State Research Contracts/Grants \$120,029.00

3. Industrial, Subcontracts, and Other Non-Federal Research Contracts/Grants

- a. Procter and Gamble Company, Cincinnati, Ohio, Study of Dental Caries (to be known as Project No. 2065-D - Ext. #7 - College of Dentistry).  
Gross Value - \$90,347.00.
- b. Procter and Gamble Company, Cincinnati, Ohio, Study of Dental Calculus (to be known as Project No. 2070-A - Ext. #8 - College of Dentistry).  
Gross Value - \$48,107.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

F. The Ohio State University Research Foundation (continued)

3. Industrial, Subcontracts, and Other Non-Federal  
Research Contracts/Grants (continued)

- c. Allegheny Foundation, Pittsburgh, Pennsylvania, Clinicopathologic and Genetic Investigations of Primary Canine Glaucoma in the Basset--A Study in Comparative Ophthalmology (to be known as Project No. 2779-A - Ltr. Dtd. 7/6/73 - Departments of Veterinary Clinical Sciences and Veterinary Pathobiology).  
Gross Value - \$15,165.00.
- d. American Heart Association, Inc., New York, New York, Blood Oxygen Transport in Hemoglobinopathies (to be known as Project No. 3243-A3 - Ext. #2 - Department of Medicine).  
Gross Value - \$13,090.00.
- e. International Lead Zinc Research Organization, Inc., New York, New York, Effect of G6Pd Deficiency on Lead Uptake of Erythrocytes (to be known as Project No. 3403-A1 - Ltr. Dtd. 6/26/73 - Department of Physiology).  
Gross Value - \$6,312.00.
- f. National Tuberculosis and Respiratory Disease Association, New York, New York, Cellular Immunity in Sarcoidosis (to be known as Project No. 3426-A2 - Ltr. Dtd. 3/5/73 - Department of Medicine).  
Gross Value - \$12,760.00.
- g. Ohio Power Company, Canton, Ohio, Environmental Analysis of a Potential Power Plant Site on Sandusky Bay (to be known as Project No. 3585-A1 - Ltr. Dtd. 7/5/73 - College of Biological Sciences).  
Gross Value - \$132,809.00.
- h. Ohio Power Company, Canton, Ohio, Radionuclide Uptake and Equilibrium Studies of Organisms Indigenous to Sandusky Bay (to be known as Project No. 3585-B1 - New - Department of Zoology).  
Gross Value - \$18,000.00.
- i. Ohio Power Company, Canton, Ohio, Hydrologic Studies of a Potential Nuclear Power Plant Site on Sandusky Bay (to be known as Project No. 3585-C1 - New - Department of Civil Engineering).  
Gross Value - \$28,672.00.
- j. Medical Advances Institute, Columbus, Ohio, Computerized Medical Review System (to be known as Project No. 3585-A1 - Ltr. Dtd. 7/10/73 - Departments of Preventive Medicine and Pediatrics).  
Gross Value - \$30,000.00.

September 7, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

F. The Ohio State University Research Foundation (continued)

3. Industrial, Subcontracts, and Other Non-Federal  
Research Contracts/Grants (continued)

- k. World Health Organization, Geneva, Switzerland, Evaluation of Active Immunization with Subunits and Fragments of hCG as a Fertility Control Method (to be known as Project No. 3686-B1 - New - Department of Obstetrics and Gynecology).  
Gross Value - \$75,000.00.
- l. Leukemia Society of America, New York, New York, Metabolic Characteristics of the Cellular Immune Response (to be known as Project No. 3706-A1 - New - Department of Medicine).  
Gross Value - \$19,916.00.
- m. Abbott Laboratories, North Chicago, Illinois, Subcontract between Abbott Laboratories and The Ohio State University Research Foundation (to be known as Project No. 3713-A1 - New - Department of Obstetrics and Gynecology).  
Gross Value - \$44,000.00.
- n. University of Alaska, Tundra Biome Center, College, Alaska, The Structure and Function of the Tundra Ecosystem (to be known as Project No. 3717-A1 - New - Institute of Polar Studies).  
Gross Value - \$6,167.00.
- o. University of Alaska, Tundra Biome Center, College, Alaska, The Structure and Function of the Tundra Ecosystem (to be known as Project No. 3718-A1 - New - Institute of Polar Studies).  
Gross Value - \$15,000.00.
- p. American Iron and Steel Institute, New York, New York, Substitute Fluxes for the BOF (to be known as Project No. 3732-A1 - New - Department of Metallurgical Engineering).  
Gross Value - \$7,700.00.
- q. The Toledo Edison Company, Toledo, Ohio, Investigation on the Aquatic Environment in the Vicinity of Davis-Besse Power Plant (to be known as Project No. 3752-A1 - New - College of Biological Sciences).  
Gross Value - \$28,588.00.

TOTAL - Industrial, Subcontracts, and Other Non-Federal  
Research Contracts/Grants \$591,633.00

September 7, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

G. The Engineering Experiment Station

1. Government Research Contracts

EES 356X Ext. #4	A Laboratory and Field Durability Study of Asphaltic Mixtures, Ohio Department of Transportation, Columbus, Ohio. Gross Value - \$48,384.00.
EES 429X Ext. #1	Development of a Land Use Data System and Recommend Resource Evaluation Functions, Ohio Department of Natural Resources, Columbus, Ohio. Gross Value - \$26,993.00.
EES 442X	Trace Metal Detection in Aquatic Environments by Activation Analysis of an Invertebrate Organism, U. S. Department of the Interior, Washington, D. C. Gross Value - \$14,058.00.
EES 444X	Oxidation of Ammonia by Ferrates (VI) and (IV) in Water, U. S. Department of the Interior, Washington, D. C. Gross Value - \$3,229.00.
EES 445X	Chemical Aspects of the Toxicity of Chlorinated Effluents, U. S. Department of the Interior, Washington, D. C. Gross Value - \$10,828.00.
EES 446X	Public Information of Water Resources: Content and Exposure, U. S. Department of the Interior, Washington, D. C. Gross Value - \$12,778.00.
EES 447X	Stream Deoxygenation Rates, U. S. Department of the Interior, Washington, D. C. Gross Value - \$9,499.00.
EES 449X	The Aquatic Environment and Fish Community Below Hoover Dam, Franklin County, Ohio - A Post Impoundment Study, U. S. Department of the Interior, Washington, D. C. Gross Value - \$5,383.00.
EES 450X	Director's Account, OWRR FY Allotment Program, U. S. Department of the Interior, Washington, D. C. Gross Value - \$25,647.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

G. The Engineering Experiment Station (continued)

1. Government Research Contracts (continued)

EES 456X      Unreclaimed Strip Mined Lands Study, U. S. Department  
                 of the Interior, Washington, D. C.  
                 Gross Value - \$43,757.00.

EES 457X      Study of Pavement Overlay Design, Ohio Department  
                 of Transportation, Columbus, Ohio.  
                 Gross Value - \$48,000.00.

TOTAL - Government Research Contracts \$248,556.00

2. Industrial Research Contracts

EES 325X      RP66-OS Phase III, Simulation and Validation of Building  
Ext. #4      Environmental Control Systems for Energy Conservation,  
                 American Society of Heating, Refrigerating and Air Condi-  
                 tioning Engineers, Inc., New York, New York.  
                 Gross Value - \$24,000.00.

EES 404X      Pipe Location - Phase I, II, III, Columbia Gas Systems  
Ext. #2      Service Corporation, Columbus, Ohio.  
                 Gross Value - \$3,000.00.

EES 426X      Research on the Evaluation of Fire Safety in the Design  
Ext. #1      and Construction of the Cleveland-Cuyahoga County Judicial  
                 Center, Prindle, Patrick and Partners, Cleveland, Ohio.  
                 Gross Value - \$32,613.00.

EES 455X      Developing an Interface Between Engineering and the  
                 Social Sciences, A. P. Sloan Foundation, New York,  
                 New York.  
                 Gross Value - \$230,900.00.

EES 458X      Research on the Development and Evaluation of Building  
                 Construction Systems Using Lightweight Structural Insulat-  
                 ing Concrete, Major Frame-Crete, Inc., Brice, Ohio.  
                 Gross Value - \$25,578.00.

TOTAL - Industrial Research Contracts \$316,091.00



III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

H. The Ohio State University Development Fund

1. Gifts of \$5,000 or More

- a. \$50,000.00 from the Estate of Janet French Houston, Newark, New Jersey, for support of fellowships in Engineering Graphics, College of Engineering.
- b. \$35,000.00 from the E. F. Wildermuth Foundation, Columbus, Ohio, for scholarships and loans in the College of Optometry.
- c. \$30,666.19 from The Associates of Medicine, Columbus, Ohio, to continue their support of the Department of Medicine General Fund.
- d. \$30,000.00 from Battelle Memorial Institute, Columbus, Ohio, for its Professorship in Metallurgical Engineering.
- e. \$25,000.00 from IBEW Local 683, Columbus, Ohio, for a scholarship fund for undergraduate students.
- f. \$25,000.00 from International Nickel Company of Canada, Ltd., New York, New York, for their Professorship in Corrosion Science and Engineering.
- g. \$12,000.00 from the Central Ohio Lung Association, Columbus, Ohio, to support a medical fellowship grant in pulmonary diseases.
- h. \$10,600.00 from the Searle Diagnostic, Inc., Columbus, Ohio--\$8,100.00 for research in gastrointestinal cancer and \$2,500.00 for research in gastroenterology.
- i. \$10,000.00 from the Estate of Florence L. Lloyd, Columbus, Ohio, for establishment of a scholarship fund in Home Economics.
- j. \$10,000.00 from Mr. Hewitt A. Gehres, Mt. Vernon, Ohio, for a purpose to be designated at a later date.
- k. \$9,875.00 from the Refractories Institute, Pittsburgh, Pennsylvania, for research in the Department of Ceramic Engineering.
- l. \$8,000.00 from the Merck Company Foundation, Rahway, New Jersey, for the use of the Chairman of the Department of Dairy Science, for the development of young faculty members in the department.
- m. \$7,500.00 from the Procter and Gamble Company, Cincinnati, Ohio, to support the teaching and research activities that form a part of the Department's graduate program in the field of Veterinary Pathobiology.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Development Fund (continued)

1. Gifts of \$5,000 or More (continued)

- n. \$7,045.00 from Mr. and Mrs. Ralph W. Kurtz, Tampa, Florida, in support of research in the College of Medicine.
- o. \$6,000.00 from Ralston Purina Company, St. Louis, Missouri, for graduate research in mushroom physiology.
- p. \$5,000.00 from Allied Chemical Foundation, Morristown, New Jersey, for their fellowship fund in Chemistry.
- q. \$5,000.00 from Armco Foundation, Middletown, Ohio, for its Professorship in Metallurgy.
- r. \$5,000.00 from Mr. George H. Dunlap, Columbus, Ohio, for a purpose to be designated at a later date.
- s. \$5,000.00 from Fritz Straumann, Waldenburg, Switzerland, for support of research in Veterinary Surgery.

2. Establishment of Named Funds

- a. \$27,862.06 from friends of the Department of Obstetrics and Gynecology for the establishment of the Department of Obstetrics and Gynecology Endowment Fund.

Department of Obstetrics and Gynecology Endowment Fund

The Department of Obstetrics and Gynecology Endowment Fund was established September 7, 1973, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends of the Department of Obstetrics and Gynecology, College of Medicine.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to support the activities of the Department of Obstetrics and Gynecology of the College of Medicine as requested by the Chairman of that Department and approved by the Dean of the College of Medicine and such other officials as the Board of Trustees may designate.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

H. The Ohio State University Development Fund (continued)

2. Establishment of Named Funds (continued)

a. Department of Obstetrics and Gynecology Endowment Fund (continued)

Should the Department of Obstetrics and Gynecology cease to exist, through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for Obstetrics and Gynecology.

- b. \$5,000.00 from William E. Copeland, M. D., for the establishment of The William E. Copeland Fund in Obstetrics and Gynecology.

The William E. Copeland Fund in Obstetrics and Gynecology

The William E. Copeland Fund in Obstetrics and Gynecology was established September 7, 1973, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from William E. Copeland, M. D., Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment under the rules and regulations adopted by the Board of Trustees of The Ohio State University with the right to invest and reinvest as occasion dictates.

The annual income is to be added to the principal until the fund reaches \$10,000. At that time, the income is to be used: to provide support of staff research; supplement expenses of staff, students and residents attending educational meetings that are beneficial to the department and to the College of Medicine; assist students and residents within this department in any other way possible. The income is to be used in accordance with the suggestions of Dr. Copeland while he is a member of the University faculty so long as the suggestions do not conflict with policies of said Board of Trustees then in effect. After Dr. Copeland retires, the income may be used for purposes suggested by the Chairman of the Department of Obstetrics and Gynecology and approved by the Dean of the College of Medicine.

Should the Department of Obstetrics and Gynecology or the College of Medicine cease to exist through any reorganization of the University, then the income may be used by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for medical education.

#### IV. ADMINISTRATIVE OPERATIONS

Mr. Hilliker called upon Mr. Devenow to report on the Buildings and Grounds Committee meeting.

Mr. Devenow made the following statement:

Mr. Chairman, the Buildings and Grounds Committee met in Lima, Ohio, several weeks ago at which time we spent approximately three hours examining the administrative process of bidding, letting of contracts, the massive problems related to the University's Master Plan, the physical problems associated with the operation and maintenance of some 300 buildings and approximately 14 million square feet of space. I believe we have a major start toward getting an understanding on exactly what the problems are from a maintenance and obsolescence point of view. I think it's important that the Board is aware that a great many of these buildings have deteriorated substantially over the years which has greatly increased the cost of maintenance. For this reason, I think it's important for the Board to understand not only this University's space needs in support of program growth but it is essential that we recognize also the need for building replacement. Over the years many of the campus buildings have served their purpose well but now they should be replaced because of their high operating costs and further they are simply worn out. We are trying to draw a line somewhere between the needs as related to obsolescence and needs as related to growth, so we can give this Board a better picture of what's ahead for the University.

##### A. Architects or Engineers

##### 1. University Activities Center, Selection of Architect/Engineer

President Enarson recommended that the Architect/Engineer firm of Samborn, Steketee, Otis and Evans, Inc., Toledo, Ohio, be employed to provide complete services for this project, including preliminary plans, basic drawings, working drawings, specifications, estimate of cost, other bidding documents, and supervision of construction.

The fee for this service will be negotiated between the Architect/Engineer firm and the Ohio Department of Public Works. The total cost of the project will be about \$10,000,000. The State of Ohio has provided \$5,000,000 and the University expects to raise an additional \$5,000,000 through private gifts.

Funds for this Architect/Engineer service have been provided from Budget Account 801295 (University Activities Center).

Upon motion of Dr. Sirak, seconded by Mr. Dunlap, the above recommendation was approved with six affirmative votes: Mr. Hilliker, Mr. Shocknessy, Mr. Dunlap, Dr. Sirak, Mrs. James, and Mr. Devenow.

IV. ADMINISTRATIVE OPERATIONS (continued)

B. Plans and Specifications

At the request of the President and/or his designee, it was recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees.

1. Upham Hall--Air Conditioning and Electrical Improvements

This work includes complete electrical renovations, including new distribution systems, and completion of air conditioning by means of through-wall units.

Funds are budgeted in Budget Account 801267 (Hospital Capital Reserve).

2. Mirror Lake--Additional Lighting, Amphitheater Area

This work includes the installation of permanent additional lighting.

Funds are budgeted in Budget Account 125064 (Contract Repair).

3. Law Building Library, Relighting

This work includes removal of existing incandescent lighting, installation of fluorescent lighting, and rewire branch circuits.

Funds are budgeted in Budget Account 125064 (Contract Repair).

Upon motion of Mr. Dunlap, seconded by Dr. Sirak, the above recommendation was approved with six affirmative votes: Mr. Hilliker, Mr. Shocknessy, Mr. Dunlap, Dr. Sirak, Mrs. James, and Mr. Devenow. The Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. The President and/or his designee was directed to proceed with a request for bids in the normal University manner, and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

C. Report of Award of Contracts

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and the contracts were recommended for award. The action reported to the Board was as follows:

September 7, 1973 meeting, Board of Trustees

IV. ADMINISTRATIVE OPERATIONS (continued)

C. Report of Award of Contracts (continued)

1. Agricultural Administration Building--School  
of Natural Resources - Renovations

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(1 bid received 7-26-73, Rebid)		
Ed Ross Construction Co. (Westerville, Ohio)	\$ 14,200.00	\$ 15,500.00
<u>Heating, Ventilating, and Air Conditioning Contract</u>		
(3 bids received 7-19-73)		
Farber Corporation (Columbus)	9,490.00	12,000.00
<u>Electrical Contract</u>		
(3 bids received 7-26-73, Rebid)		
Mid-City Electric Company (Columbus)	12,313.00	15,500.00
<u>Total All Contracts</u>	<u>\$ 36,003.00</u>	<u>\$ 43,000.00</u>

Funds for this project have been included in Substitute H. B. 985, Utilities and Renovations, and is subject to the Governor's approval of the Capital Improvements Appropriation Bill.

2. Northwest Parking Ramp

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Design and Construct Contract</u>		
(6 bids received 7-5-73)		
The John G. Ruhlin Construction Co. (Akron, Ohio)		
Base bid	\$1,287,000.00	\$1,400,000.00
Alt. G-3 - 8 ft. 0 in. Section addition to base bid structure	+ 47,000.00	+ 30,000.00
Total Contract	<u>\$1,334,000.00</u>	<u>\$1,430,000.00</u>

Funds for this project have been provided from Budget Account 801289 (Northwest Parking Facility).

September 7, 1973 meeting, Board of Trustees

IV. ADMINISTRATIVE OPERATIONS (continued)

C. Report of Award of Contracts (continued)

3. University Hospital--New Desuperheating Station, North Wing

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Plumbing Contract</u> (3 bids received 7-25-73, Rebid) Air Control Mechanical Contractors (New Albany, Ohio)	\$ 29,992.00	\$ 31,500.00

Funds for this project have been provided from Budget Account 960200 (Hospital Rotary).

4. Tennis Courts - Repairs and Restoration

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (1 bid received 8-15-73) Ritz Paving Company, Inc. (Columbus)	\$ 84,840.00	\$ 89,600.00

Funds for this project have been provided from Budget Account 125064 (Contract Repair).

5. Laneview Service Center--Railroad Siding

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (3 bids received 8-23-73) Interstate Construction (Youngstown, Ohio)	\$ 65,900.00	\$ 73,003.95

Funds for this project have been provided from Budget Account 801211 (Olentangy Freeway Relocation--to be reimbursed by State of Ohio).

6. McPherson Laboratory--Repair and Replacement of Roof and Deck

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (2 bids received 8-29-73) Waller & Lund, Inc. (Columbus)	\$ 135,870.00	\$ 150,200.00

September 7, 1973 meeting, Board of Trustees

IV. ADMINISTRATIVE OPERATIONS (continued)

C. Report of Award of Contracts (continued)

6. McPherson Laboratory--Repair and Replacement of Roof and Deck  
(continued)

Funds for this project have been provided from Budget Account 125064 (Contract Repair).

Upon motion of Mr. Devenow, seconded by Mr. Dunlap, the above award of contracts and expenditure of funds were approved and the action of the President and/or his designee was ratified by five affirmative votes: Mr. Hilliker, Mr. Dunlap, Dr. Sirak, Mrs. James, and Mr. Devenow.

D. Other Actions

1. Easement - Marion Campus Sewer Line

The Marion County Engineers have requested a sanitary sewer easement on State of Ohio lands that have been designated for use of The Ohio State University, Marion Campus. Marion County desires this easement. The University will have the right to future taps to the system.

It was recommended that the President and/or his designee be authorized to request the Director of Public Works pursuant to his statutory duties to act on behalf of the University in developing the necessary legal instruments to provide for the sanitary sewer easement.

2. Construction Contracts - Request for Approval of Extras

President Enarson requested that the Board approve increases in the total contract cost of the following project:

West Campus--Fifth Building (Proposals total - \$46,687.00)

Ground Floor Level - Since funds for the sixth building on the West Campus were not reappropriated, it is necessary to revise plans for the fifth building (which is now under construction). The revised plans will increase the cost of the fifth building by \$46,687.00. Contingency funds of \$63,700.00 are available to cover the cost of these revisions.

Tabulation of Proposals for West Campus--Fifth Building

General Contract	Deduct	\$15,580.00
Plumbing Contract	Add	1,200.00
Heating, Ventilating, and Air Conditioning Contract	Add	36,777.00
Electrical Contract	Add	<u>24,290.00</u>
Total for Extra Work to West Campus--Fifth Building		<u>\$46,687.00</u>



IV. ADMINISTRATIVE OPERATIONS (continued)

D. Other Actions (continued)

3. Lease: Cooperative Extension Service of The Ohio State University and Mahoning County Commissioners

The Cooperative Extension Service has requested to lease at no cost to the University 1.71 acres of land at Canfield, Mahoning County, Ohio, to construct and operate an Area Extension Center. Land to be leased is owned by the Mahoning County Commissioners.

It was recommended that the President and/or his designee be authorized to request that the Director of Public Works, pursuant to his statutory duties, act on behalf of the University in consummating the lease and in developing the necessary legal instruments to provide for the sanitary sewer easement and other utility requirements.

4. Lease Agreement - Board of Trustees of The Ohio State University and the Board of Control of the Ohio Agricultural Research and Development Center

Section 903.011, Ohio Revised Code, provides that the Board of Control of the Ohio Agricultural Research and Development Center may enter into a lease with the Board of Trustees of The Ohio State University authorizing said Board of Trustees of The Ohio State University the use of lands for the construction and operation of educational facilities.

The Center has custody and control of certain lands owned by the State of Ohio and located in Franklin Township, Jackson County, Ohio.

It is the desire of the parties hereto that the University have the use of these lands for the construction and operation of an Area Extension Center and related facilities.

The parties propose utilization of the land in accordance with the provisions of Section 903.011, Ohio Revised Code.

It was recommended that the President and/or his designee be authorized to act on behalf of the University to enter into a lease agreement between the Board of Control of the Ohio Agricultural Research and Development Center and the Board of Trustees of The Ohio State University to provide for the lease of 5 acres for the construction and operation of an Area Extension Center and related facilities located in Franklin Township, Jackson County, Ohio.

Upon motion of Mr. Devenow, seconded by Dr. Sirak, the Board of Trustees approved the foregoing recommendations with five affirmative votes: Mr. Hilliker, Mr. Dunlap, Dr. Sirak, Mrs. James, and Mr. Devenow.

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V. REPORTS

A. Expenses for Designated Administrative Officials

Mr. Dunlap moved that the Finance Committee be authorized to provide from the unrestricted gifts to the University Endowment Fund on an appropriate basis, to the President and designated University officials, reimbursement for expenditures which are directly and necessarily related to the performance of their assigned responsibilities and in the best interests of the University.

Dr. Sirak seconded the motion which was approved by unanimous roll call vote.

B. Report on the University's Investment Portfolio

The report dated August 31, 1973, as submitted to the Finance Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

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Mr. Hilliker introduced Dr. William B. Shook, a member of the Steering Committee of the University Senate, who was attending the meeting.

Mr. Hilliker expressed his support for continuing "Trustee Day" which was initiated last year and requested that the Secretary pursue with Dennis Sargent, President of the Undergraduate Student Body, the students' interest in continuing this concept and with the students' support to select a suitable date, preferably in October, for this event.

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Thereupon the Board adjourned to meet Friday, October 5, 1973, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p. m.

Attest:

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Edward Q. Moulton  
Secretary

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Don M. Hilliker  
Chairman

IV. ADMINISTRATIVE OPERATIONS (continued)

B. Plans and Specifications

At the request of the President and/or his designee, it was recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees.

1. Upham Hall--Air Conditioning and Electrical Improvements

This work includes complete electrical renovations, including new distribution systems, and completion of air conditioning by means of through-wall units.

Funds are budgeted in Budget Account 801267 (Hospital Capital Reserve).

2. Mirror Lake--Additional Lighting, Amphitheater Area

This work includes the installation of permanent additional lighting.

Funds are budgeted in Budget Account 125064 (Contract Repair).

3. Law Building Library, Relighting

This work includes removal of existing incandescent lighting, installation of fluorescent lighting, and rewire branch circuits.

Funds are budgeted in Budget Account 125064 (Contract Repair).

Upon motion of Mr. Dunlap, seconded by Dr. Sirak, the above recommendation was approved with six affirmative votes: Mr. Hilliker, Mr. Shocknessy, Mr. Dunlap, Dr. Sirak, Mrs. James, and Mr. Devenow. The Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. The President and/or his designee was directed to proceed with a request for bids in the normal University manner, and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

C. Report of Award of Contracts

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and the contracts were recommended for award. The action reported to the Board was as follows:

September 7, 1973 meeting, Board of Trustees

IV. ADMINISTRATIVE OPERATIONS (continued)

C. Report of Award of Contracts (continued)

1. Agricultural Administration Building--School  
of Natural Resources - Renovations

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(1 bid received 7-26-73, Rebid)		
Ed Ross Construction Co.		
(Westerville, Ohio)	\$ 14,200.00	\$ 15,500.00
<u>Heating, Ventilating, and</u>		
<u>Air Conditioning Contract</u>		
(3 bids received 7-19-73)		
Farber Corporation (Columbus)	9,490.00	12,000.00
<u>Electrical Contract</u>		
(3 bids received 7-26-73, Rebid)		
Mid-City Electric Company		
(Columbus)	<u>12,313.00</u>	<u>15,500.00</u>
<u>Total All Contracts</u>	<u>\$ 36,003.00</u>	<u>\$ 43,000.00</u>

Funds for this project have been included in Substitute H. B. 985, Utilities and Renovations, and is subject to the Governor's approval of the Capital Improvements Appropriation Bill.

2. Northwest Parking Ramp

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Design and Construct Contract</u>		
(6 bids received 7-5-73)		
The John G. Ruhlman Construction		
Co. (Akron, Ohio)		
Base bid	\$1,287,000.00	\$1,400,000.00
Alt. G-3 - 8 ft. 0 in.		
Section addition to base		
bid structure	<u>+ 47,000.00</u>	<u>+ 30,000.00</u>
Total Contract	<u>\$1,334,000.00</u>	<u>\$1,430,000.00</u>

Funds for this project have been provided from Budget Account 801289 (Northwest Parking Facility).

September 7, 1973 meeting, Board of Trustees

IV. ADMINISTRATIVE OPERATIONS (continued)

C. Report of Award of Contracts (continued)

3. University Hospital--New Desuperheating Station, North Wing

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Plumbing Contract</u> (3 bids received 7-25-73, Rebid) Air Control Mechanical Contractors (New Albany, Ohio)	\$ 29,992.00	\$ 31,500.00

Funds for this project have been provided from Budget Account 960200 (Hospital Rotary).

4. Tennis Courts - Repairs and Restoration

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (1 bid received 8-15-73) Ritz Paving Company, Inc. (Columbus)	\$ 84,840.00	\$ 89,600.00

Funds for this project have been provided from Budget Account 125064 (Contract Repair).

5. Laneview Service Center--Railroad Siding

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (3 bids received 8-23-73) Interstate Construction (Youngstown, Ohio)	\$ 65,900.00	\$ 73,003.95

Funds for this project have been provided from Budget Account 801211 (Olentangy Freeway Relocation--to be reimbursed by State of Ohio).

6. McPherson Laboratory--Repair and Replacement of Roof and Deck

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (2 bids received 8-29-73) Waller & Lund, Inc. (Columbus)	\$ 135,870.00	\$ 150,200.00

September 7, 1973 meeting, Board of Trustees

IV. ADMINISTRATIVE OPERATIONS (continued)

C. Report of Award of Contracts (continued)

6. McPherson Laboratory--Repair and Replacement of Roof and Deck  
(continued)

Funds for this project have been provided from Budget Account 125064 (Contract Repair).

Upon motion of Mr. Devenow, seconded by Mr. Dunlap, the above award of contracts and expenditure of funds were approved and the action of the President and/or his designee was ratified by five affirmative votes: Mr. Hilliker, Mr. Dunlap, Dr. Sirak, Mrs. James, and Mr. Devenow.

D. Other Actions

1. Easement - Marion Campus Sewer Line

The Marion County Engineers have requested a sanitary sewer easement on State of Ohio lands that have been designated for use of The Ohio State University, Marion Campus. Marion County desires this easement. The University will have the right to future taps to the system.

It was recommended that the President and/or his designee be authorized to request the Director of Public Works pursuant to his statutory duties to act on behalf of the University in developing the necessary legal instruments to provide for the sanitary sewer easement.

2. Construction Contracts - Request for Approval of Extras

President Enarson requested that the Board approve increases in the total contract cost of the following project:

West Campus--Fifth Building (Proposals total - \$46,687.00)

Ground Floor Level - Since funds for the sixth building on the West Campus were not reappropriated, it is necessary to revise plans for the fifth building (which is now under construction). The revised plans will increase the cost of the fifth building by \$46,687.00. Contingency funds of \$63,700.00 are available to cover the cost of these revisions.

Tabulation of Proposals for West Campus--Fifth Building

General Contract	Deduct	\$15,580.00
Plumbing Contract	Add	1,200.00
Heating, Ventilating, and Air Conditioning Contract	Add	36,777.00
Electrical Contract	Add	<u>24,290.00</u>
Total for Extra Work to West Campus--Fifth Building		<u>\$46,687.00</u>

IV. ADMINISTRATIVE OPERATIONS (continued)

D. Other Actions (continued)

3. Lease: Cooperative Extension Service of The Ohio State University and Mahoning County Commissioners

The Cooperative Extension Service has requested to lease at no cost to the University 1.71 acres of land at Canfield, Mahoning County, Ohio, to construct and operate an Area Extension Center. Land to be leased is owned by the Mahoning County Commissioners.

It was recommended that the President and/or his designee be authorized to request that the Director of Public Works, pursuant to his statutory duties, act on behalf of the University in consummating the lease and in developing the necessary legal instruments to provide for the sanitary sewer easement and other utility requirements.

4. Lease Agreement - Board of Trustees of The Ohio State University and the Board of Control of the Ohio Agricultural Research and Development Center

Section 903.011, Ohio Revised Code, provides that the Board of Control of the Ohio Agricultural Research and Development Center may enter into a lease with the Board of Trustees of The Ohio State University authorizing said Board of Trustees of The Ohio State University the use of lands for the construction and operation of educational facilities.

The Center has custody and control of certain lands owned by the State of Ohio and located in Franklin Township, Jackson County, Ohio.

It is the desire of the parties hereto that the University have the use of these lands for the construction and operation of an Area Extension Center and related facilities.

The parties propose utilization of the land in accordance with the provisions of Section 903.011, Ohio Revised Code.

It was recommended that the President and/or his designee be authorized to act on behalf of the University to enter into a lease agreement between the Board of Control of the Ohio Agricultural Research and Development Center and the Board of Trustees of The Ohio State University to provide for the lease of 5 acres for the construction and operation of an Area Extension Center and related facilities located in Franklin Township, Jackson County, Ohio.

Upon motion of Mr. Devenow, seconded by Dr. Sirak, the Board of Trustees approved the foregoing recommendations with five affirmative votes: Mr. Hilliker, Mr. Dunlap, Dr. Sirak, Mrs. James, and Mr. Devenow.

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September 7, 1973 meeting, Board of Trustees

V. REPORTS

A. Expenses for Designated Administrative Officials

Mr. Dunlap moved that the Finance Committee be authorized to provide from the unrestricted gifts to the University Endowment Fund on an appropriate basis, to the President and designated University officials, reimbursement for expenditures which are directly and necessarily related to the performance of their assigned responsibilities and in the best interests of the University.

Dr. Sirak seconded the motion which was approved by unanimous roll call vote.

B. Report on the University's Investment Portfolio

The report dated August 31, 1973, as submitted to the Finance Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

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Mr. Hilliker introduced Dr. William B. Shook, a member of the Steering Committee of the University Senate, who was attending the meeting.

Mr. Hilliker expressed his support for continuing "Trustee Day" which was initiated last year and requested that the Secretary pursue with Dennis Sargent, President of the Undergraduate Student Body, the students' interest in continuing this concept and with the students' support to select a suitable date, preferably in October, for this event.

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Thereupon the Board adjourned to meet Friday, October 5, 1973, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

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Edward Q. Moulton  
Secretary

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Don M. Hilliker  
Chairman



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THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND NINETIETH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, October 5, 1973

The Board of Trustees met at its regular monthly meeting on Friday, October 5, 1973, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Don M. Hilliker, Chairman, James W. Shocknessy, William C. Safford, John H. Dunlap, M. Merle Harrod, John L. Gushman, Howard D. Sirak, Patricia D. James, and Chester Devenow.

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No action taken on minutes of the last meeting.

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REPORT BY CHAIRMAN

Mr. Hilliker read a letter from the President of the Undergraduate Student Body, Dennis Sargent, and the Vice President of the Student Body, Sharon Farmer, inviting the Trustees' participation again this year in "Trustee Day" initiated last year. He accepted the invitation on behalf of the Board and requested that the Secretary arrange an appropriate date with the Undergraduate Student Government.

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RESOLUTION IN MEMORIAM

President Enarson reported to the Board the death of Wilson R. Dumble, Assistant Professor Emeritus in the Department of English. In accordance with the instructions of the Board of Trustees, a copy of the following resolution expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the family of the deceased.

A. Wilson R. Dumble

The Board of Trustees of The Ohio State University expresses its sorrow at the death on August 30, 1973, of Wilson R. Dumble, Assistant Professor Emeritus in the Department of English.

Professor Dumble was born in Marion, Ohio, in 1895. He taught at Marion Harding High School, served overseas during World War I, and received his B.S. and M.A. degrees from Ohio State. He became a member of the faculty in 1931 and served continuously until his retirement in 1965.

Professor Dumble was a popular teacher with the many students who took his courses on modern literature, and he was widely known in the community. For many years he conducted radio programs on literature for WOSU, including a radio twilight course, a book review course, and, later, his very popular "In the Bookstall." He was much sought after as a speaker to civic groups, and in this role he performed a valuable function for the University.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

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President Enarson presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Establishment of the Leo Yassenoff Chair  
in Philosophy and Jewish Studies

President Enarson recommended that the Leo Yassenoff Chair in Philosophy and Jewish Studies be designated in accordance with the wishes of the trustees of the Leo Yassenoff Foundation, Inc., and pursuant to an action by the Board of Trustees of The Ohio State University approved on March 3, 1972.

The Foundation has pledged annual support of the Yassenoff Chair and related programs, with at least three years notice if support is to be discontinued or reduced. The University has agreed that at some future date it will establish a fully endowed Chair as a permanent memorial to Leo Yassenoff if the Foundation provides a grant of not less than \$500,000 to be added to the University's permanent endowment portfolio, with annual income used for support of the Chair or related programs.

This designated Chair will provide an opportunity for substantial improvement of the Ohio State program in Jewish Studies which has already been widely recognized by universities and Judaica scholars throughout the country.

Upon motion of Mr. Shocknessy, seconded by Mr. Safford, the Board of Trustees by unanimous voice vote approved the establishment of the Leo Yassenoff Chair in Philosophy and Jewish Studies.

B. Amendments to By-Laws of the Board of Trustees  
and Rules for the University Faculty

In accordance with Article IX of the By-Laws of the Board of Trustees, President Enarson recommended that the By-Laws of the Board of Trustees and Rules for the University Faculty be amended as indicated in the following pages to be in compliance with the administrative reorganization adopted by the Board of Trustees at the September 7, 1973, meeting. It was recommended further that the Secretary incorporate the appropriate change in titles and responsibilities in the Rules for the University Faculty to reflect the new authorities.

Upon motion of Mr. Gushman, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendations by unanimous roll call vote, and the Secretary was instructed to incorporate these changes in the next printing of the By-Laws of the Board of Trustees and Rules for the University Faculty.

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### ARTICLE III

#### ADMINISTRATION OF THE UNIVERSITY

##### Section 1. Office of the President.

The Office of the President shall consist of 1) the President, 2) the Executive Assistant to the President and Director of Budget and Resources Planning, 3) the Special Assistants to the President, 4) the University Ombudsman, and 5) the Affirmative Action Officer.

The Office of the President shall include such additional officers as the President, with the consent of the Board, may from time to time appoint.

##### Section 5. President's Staff.

The President's Staff shall consist of the President, the Provost, the Vice President for Business and Administration, the Vice President for Student Services, the Vice President for Medical Affairs, the Vice President for Regional Campuses, the Vice President for Educational Services, the Vice President for University Development, the Executive Assistant and Director of Budget and Resources Planning, and Special Assistants.

Each member of the President's Staff shall have a major area of responsibility as assigned to him by the President with the consent of the Board of Trustees. He shall, subject to the control of the President, exercise authority within his major area of responsibility and such other areas as may be assigned to him by the President from time to time.

Assignment of specific areas of responsibility to members of the President's Staff shall be made by the President with the approval of the Board of Trustees.

##### Section 6. Provost.

The major area of responsibility and authority of the Provost shall be that of all academic matters of the University including instructional, research, and faculty affairs. Without limiting the generality of the foregoing, the Provost shall, under the direction of the President and with the approval of the Board of Trustees, be responsible and have the requisite authority to provide coordinated leadership for: the development and evaluation of curricular patterns and teaching methods; the development and appraisal of research with particular concern for interdisciplinary and multidisciplinary programs; the securing and administering of governmental, industrial and foundation support for academic programs; the coordination of research with instruction; and the selection, promotion, professional development, tenure and compensation of the instructional and research personnel; through the Office for the Coordination of Minority Affairs and in cooperation with the other existing agencies of the University, the development and maintenance of supplemental programs for the recruitment, orientation, counseling, tutoring, and financial assistance for minority students and the search for necessary funds to support these programs; through the constituent academic divisions, the appraisal of the effectiveness of academic counseling and devising organization and procedures to improve its effectiveness; in cooperation

## Section 6. The Provost. (continued)

with the Vice President for Educational Services, the development of the University libraries and other learning resources; in cooperation with the Vice President for Regional Campuses, the development of the four Regional Campuses of the University; the administrative coordination of The Ohio State University Research Foundation; and as a deputy of the President of the University, be responsible for the coordination of all matters administratively assigned to the other Vice Presidents of the University which relate to the academic program of the University.

## Section 7. Vice President for Business and Administration.

The major area of responsibility and authority of the Vice President for Business and Administration shall be that of the administration of the University operations. Without limiting the generality of the foregoing, the Vice President for Business and Administration shall, under the direction of the President and with the approval of the Board of Trustees, be responsible and have the requisite authority for: the conduct and evaluation of all business and administrative activities and procedures, including management improvement programs; financial and business management; the development, allocation, utilization, and maintenance of the physical facilities; the administration of the Offices of Public Safety, Administrative Systems, Fiscal Affairs, the Treasurer of the University, Personnel Services, University Admissions, Registration, and Records, and Systems Computer Center; and as a deputy of the President of the University, be responsible for the coordination of all matters administratively assigned to the other Vice Presidents which relate to the business and administrative areas of the University.

## Section 8. Secretary of the Board of Trustees.

The major area of responsibility and authority of the Secretary of the Board of Trustees shall be that of custodian of the official books and records of the Board.

## Section 9. Vice President for Student Services.

The major area of responsibility and authority of the Vice President for Student Services shall be that of student services at the University. Without limiting the generality of the foregoing, the Vice President for Student Services shall, under the direction of the President and with the approval of the Board of Trustees, be responsible and have the requisite authority for: the promulgation of rules governing student conduct both on and off campus; the coordination of student extracurricular activities including all student (or student-connected) organizations; the administration of all residence and dining hall facilities; nonacademic student discipline; and the administration of student health service; University Union facilities and programs; student athletic programs including intercollegiate athletics, recreation and intramural programs; counseling; student financial aids and scholarships; and off-campus student housing.

#### Section 10. Vice President for University Development.

The major area of responsibility and authority of the Vice President for University Development shall be that of general University development. Without limiting the generality of the foregoing, the Vice President for University Development shall, under the direction of the President and with the approval of the Board of Trustees, be responsible and have the requisite authority for: the administration of all aspects of University development including the coordination of all University and related offices involved in resource development, fund raising, public relations, community relations, alumni affairs, alumni records and information services, governmental liaison and legislative relations; the development and administration of internal and external communications, including University publications; the coordination of special events; and the administrative coordination of The Ohio State University Development Fund.

#### Section 11. Vice President for Educational Services.

The major area of responsibility and authority of the Vice President for Educational Services shall be that of the educational services of the University. Without limiting the generality of the foregoing, the Vice President for Educational Services shall, under the direction of the President, through the appropriate coordinating deputy and with the approval of the Board of Trustees, be responsible and have the requisite authority for: the development and administration of policies and operating procedures for continuing education programs; University libraries, the Telecommunications Center and other learning resources; the development of instructional programs of the Departments of Air Force Aerospace Studies, Military Science, and Naval Science; the University Archives; and Film and Photography.

#### Section 13. Vice President for Regional Campuses.

The major area of responsibility and authority of the Vice President for Regional Campuses shall be that of the general administration of the regional campuses of the University. Without limiting the generality of the foregoing, the Vice President for Regional Campuses shall, under the direction of the President, through the appropriate coordinating deputy and with the approval of the Board of Trustees, be responsible and have the requisite authority for: the development and administration of policies and operating procedures for each of the regional campuses of the University; the coordination of the academic programs offered through these units with the administrative officials of the Colleges of the University; and the coordination of nonacademic matters with the principal administrative officials who have University-wide responsibility for such matters.

#### Section 14. Executive Assistant to the President and Director of Budget and Resources Planning.

The major area of responsibility of the Executive Assistant to the President and Director of Budget and Resources Planning shall be that of capital and current funds budgeting, including analyses and planning of resource needs and allocations.



Section 14. Executive Assistant to the President and Director  
of Budget and Resources Planning. (continued)

Without limiting the generality of the foregoing, the Executive Assistant to the President and Director of Budget and Resources Planning shall, under the direction of the President, be responsible for: formulation, review and monitoring of capital and current funds budgets; long-range resources analysis and planning, including cost implications of proposed programs; projections of enrollments and all factors bearing on future resource requirements and availabilities in the context of the mission and goals of the University.

Section 15. Special Assistants to the President.

The Special Assistants to the President shall render such service and have such responsibility and authority as the President may from time to time direct.

Section 16. Council of Deans.

The President of the University, the Provost, the Deans of the Colleges, the Associate Provost for Instruction, the Vice Provost for Research and Dean of the Graduate School, and the Vice Provost for Arts and Sciences shall comprise the Council of Deans of the University. The President shall be Chairman of the Council, the Provost shall be Vice Chairman, and the Associate Provost for Instruction the Secretary. In the temporary absence of the President, the duties of the presiding officer shall be assumed by the Provost.

The Council of Deans shall meet on the call of the Chairman. The Council of Deans shall serve as an advisory council to the President.

Section 17. President and Staff Committees.

The President and each member of the President's Staff shall have authority to designate advisory committees to advise in affairs relating to the University. Those committees shall have such responsibilities as are assigned to them and their membership shall be determined by the person designating the committee.

## 11.00. Administration of The Ohio State University

### 11.01. Office of the President.\*

The Office of the President shall consist of 1) the President, 2) the Executive Assistant to the President and Director of Budget and Resources Planning, 3) the Special Assistants to the President, 4) the University Ombudsman, and 5) the Affirmative Action Officer.

The Office of the President shall include such additional officers as the President, with the consent of the Board, may from time to time appoint.

### 11.07. Special Assistants to the President.\*

The Special Assistants to the President shall render such service and have such responsibility and authority as the President may from time to time direct.

### 11.11. President's Staff.\*

The President's Staff shall consist of the President, the Provost, the Vice President for Business and Administration, the Vice President for Student Services, the Vice President for Medical Affairs, the Vice President for Regional Campuses, the Vice President for Educational Services, the Vice President for University Development, the Executive Assistant and Director of Budget and Resources Planning, and Special Assistants.

Each member of the President's Staff shall have a major area of responsibility as assigned to him by the President with the consent of the Board of Trustees. He shall, subject to the control of the President, exercise authority within his major area of responsibility and such other areas as may be assigned to him by the President from time to time.

Assignment of specific areas of responsibility to members of the President's Staff shall be made by the President with the approval of the Board of Trustees.

#### 11.1101. Provost.\*

Section 1. The Provost shall be the executive head of the Office of Academic Affairs and is the chief academic officer of the University.

Section 2. The major area of responsibility and authority of the Provost shall be that of all academic matters of the University including instructional, research, and faculty affairs. Without limiting the generality of the foregoing, the Provost shall, under the direction of the President and with the approval of the Board of Trustees, be responsible and have the requisite authority to provide coordinated leadership for: the development and evaluation of curricular patterns and teaching methods; the development and appraisal of research with particular concern for interdisciplinary and multidisciplinary programs; the securing and administering of governmental, industrial and foundation support for academic programs; the coordination of research with instruction; and the selection, promotion, professional

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\*Rule initiated by Board of Trustees.

11.1101. Provost.\* (continued)

development, tenure, and compensation of the instructional and research personnel; through the Office for the Coordination of Minority Affairs and in cooperation with the other existing agencies of the University, the development and maintenance of supplemental programs for the recruitment, orientation, counseling, tutoring, and financial assistance for minority students and the search for necessary funds to support these programs; through the constituent academic divisions, the appraisal of the effectiveness of academic counseling and devising organization and procedures to improve its effectiveness; in cooperation with the Vice President for Educational Services, the development of the University libraries and other learning resources; in cooperation with the Vice President for Regional Campuses, the development of the four Regional Campuses of the University; the administrative coordination and procedures of The Ohio State University Research Foundation; and as a deputy of the President of the University, be responsible for the coordination of all matters administratively assigned to the other Vice Presidents of the University which relate to the academic program of the University.

Section 3. The principal administrative officials of the Office of the Provost shall include such associates as may be authorized from time to time.

11.1102. Vice President for Business and Administration.\*

Section 1. The Vice President for Business and Administration shall be the executive head of the Office of Business and Administration.

Section 2. The major area of responsibility and authority of the Vice President for Business and Administration shall be that of the administration of the University operations. Without limiting the generality of the foregoing, the Vice President for Business and Administration shall, under the direction of the President and with the approval of the Board of Trustees, be responsible and have the requisite authority for: the conduct and evaluation of all business and administrative activities and procedures, including management improvement programs; financial and business management; the development, allocation, utilization, and maintenance of the physical facilities; the administration of the Offices of Public Safety, Administrative Systems, Fiscal Affairs, the Treasurer of the University, Personnel Services, University Admissions, Registration, and Records, and Systems Computer Center; and as a deputy of the President of the University, be responsible for the coordination of all matters administratively assigned to the other Vice Presidents which relate to the business and administrative areas of the University.

Section 3. The principal administrative officials of the Office of Business and Administration shall include the Executive Director of Fiscal Affairs, and the Treasurer of the University; the Executive Director of Administrative Systems; the Executive Director of Personnel Services; the Assistant Vice President for Admissions, Registration, and Records; the Assistant Vice President for Business Management; the Assistant Vice President for Physical Facilities; the Director of the Systems Computer Center; the Director of Public Safety; the Director of Management Improvement; and such other associates as may be authorized from time to time.

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\*Rule initiated by Board of Trustees.

11.1103. Secretary of the Board of Trustees.\*

Section 1. The Secretary of the Board of Trustees shall be custodian of and responsible for the official records of the Board.

Section 2. The major area of responsibility and authority of the Secretary of the Board of Trustees shall be that of maintaining the records of the Board. Without limiting the generality of the foregoing, the Secretary of the Board shall, under the direction of the President and with the approval of the Board of Trustees, be responsible and have the requisite authority for: signing, executing, and delivering in the name of the University all deeds, mortgages, bonds, contracts, and other instruments authorized by the Board; keep the minutes of all meetings of the Board and of the committees of the Board; and see that all notices are duly given in accordance with provisions of the Bylaws of the Board of Trustees.

11.1104. Vice President for Student Services.\*

Section 1. The Vice President for Student Services shall be the executive head of the Office of Student Services.

Section 2. The major area of responsibility and authority of the Vice President for Student Services shall be that of student services at the University. Without limiting the generality of the foregoing, the Vice President for Student Services shall, under the direction of the President and with the approval of the Board of Trustees, be responsible and have the requisite authority for: the promulgation of rules governing student conduct both on and off campus; the coordination of student extracurricular activities including all student (or student-connected) organizations; the administration of all residence and dining hall facilities; nonacademic student discipline; and the administration of student health service; University Union facilities and programs; student athletic programs including intercollegiate athletics, recreation and intramural programs; counseling; student financial aids and scholarships; and off-campus student housing.

Section 3. The principal administrative officials of the Office of Student Services shall be the Director of the Counseling Center, the Director of Student Health Service, the Director of Student Unions, the Director of Student Financial Aids, the Director of Athletics, the Assistant Vice President for Residence and Dining Hall Facilities, and such other associates as may be authorized from time to time.

11.1105. Vice President for University Development.\*

Section 1. The Vice President for University Development shall be the executive head of the Office of University Development.

Section 2. The major area of responsibility and authority of the Vice President for University Development shall be that of general University development. Without limiting the generality of the foregoing, the Vice President for University Development shall, under the direction of the President and with the approval of the Board of Trustees, be responsible and have the requisite authority for: the administration of all aspects of University development including the coordination of all University and related offices involved in resource development, fund raising, public relations, community relations, alumni affairs, alumni records and information services, governmental liaison and

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\*Rule initiated by Board of Trustees.

11.1105. Vice President for University Development.\* (continued)

legislative relations; the development and administration of internal and external communications, including University publications; the coordination of special events; and the administrative coordination of The Ohio State University Development Fund.

Section 3. The principal administrative officials of the Office of University Development shall be the Coordinator of Legislative Relations, the Director of the Development Fund, the Director of Alumni Information Services, the Director of Public Relations, and such other associates as may be authorized from time to time.

11.1106. Vice President for Educational Services.\*

Section 1. The Vice President for Educational Services shall be the executive head of the Office of Educational Services.

Section 2. The major area of responsibility and authority of the Vice President for Educational Services shall be that of the educational services of the University. Without limiting the generality of the foregoing, the Vice President for Educational Services shall, under the direction of the President, through the appropriate coordinating deputy and with the approval of the Board of Trustees, be responsible and have the requisite authority for: the development and administration of policies and operating procedures for continuing education programs; University libraries, the Telecommunications Center and other learning resources; the development of instructional programs of the Departments of Air Force Aerospace Studies, Military Science, and Naval Science; the University Archives; and Film and Photography.

Section 3. The principal administrative officials of the Office of Educational Services shall be the Assistant Vice President for Continuing Education; the Director of the Teaching Aids Laboratory; the Director of the Listening Center; the Director of the Department of Film and Photography; the Director of University Libraries; the Director of University Archives; the Chairman of the Department of Military Science; the Chairman of the Department of Air Force Aerospace Studies; the Chairman of the Department of Naval Science; the Director of the Telecommunications Center; and such other associates as may be authorized from time to time.

11.1108. Vice President for Regional Campuses.\*

Section 1. The Vice President for Regional Campuses shall be the executive head of the Office of Regional Campuses.

Section 2. The major area of responsibility and authority of the Vice President for Regional Campuses shall be that of the general administration of the regional campuses of the University. Without limiting the generality of the foregoing, the Vice President for Regional Campuses shall, under the direction of the President, through the appropriate coordinating deputy and with the approval of the Board of Trustees, be responsible and have the requisite authority for: the development and administration of policies and operating procedures for each of the regional campuses of the University; the coordination of the academic programs offered through these units with the administrative officials of the Colleges of the University; and the coordination of nonacademic matters with the principal administrative officials who have University-wide responsibility for such matters.

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\*Rule initiated by Board of Trustees.

11.1108. Vice President for Regional Campuses.\* (continued)

Section 3. The principal administrative officials of the Office of Regional Campuses shall be the Director of the Lima Campus, the Director of the Mansfield Campus, the Director of the Marion Campus, the Director of the Newark Campus, and such other associates as may be authorized from time to time.

11.1109. Executive Assistant to the President and Director of Budget and Resources Planning.\*

Section 1. The Executive Assistant to the President and Director of Budget and Resources Planning shall render such service and have such responsibility and authority as the President may from time to time direct and serve as Director of the Office of Budget and Resources Planning.

Section 2. The major area of responsibility of the Executive Assistant to the President and Director of Budget and Resources Planning shall be that of capital and current funds budgeting, including analyses and planning of resource needs and allocations. Without limiting the generality of the foregoing, the Executive Assistant to the President and Director of Budget and Resources Planning shall, under the direction of the President, be responsible for: formulation, review, and monitoring of capital and current funds budgets; long-range resources analysis and planning, including cost implications of proposed programs; projections of enrollments and all factors bearing on future resource requirements and availabilities in the context of the mission and goals of the University.

Section 3. The principal administrative officials of the Office of Budget and Resources Planning shall be the Executive Director of University Budget, the Director of Campus Planning and Space Utilization, the Director of Planning Studies, the Director of Special Projects, and such other associates as may be authorized from time to time.

11.1501. Council of Deans.\*

The President of the University, the Provost, the Deans of the Colleges, the Associate Provost for Instruction, the Vice Provost for Research and Dean of the Graduate School, and the Vice Provost for Arts and Sciences shall comprise the Council of Deans of the University. The President shall be Chairman of the Council, the Provost shall be Vice Chairman, and the Associate Provost for Instruction the Secretary. In the temporary absence of the President, the duties of the presiding officer shall be assumed by the Provost.

The Council of Deans shall meet on the call of the Chairman. The Council of Deans shall serve as an advisory council to the President.

11.1503. President and Staff Committees.\*

The President and each member of the President's Staff shall have authority to designate advisory committees to advise in affairs relating to the University. Those committees shall have such responsibilities as are assigned to them and their membership shall be determined by the person designating the committee.

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\*Rule initiated by Board of Trustees.

October 5, 1973 meeting, Board of Trustees

## II. PERSONNEL ACTIONS

Personnel actions since the September 7, 1973 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Appointments, Leaves of Absence Without Salary, and Emeritus Title:

### A. Appointments

Thomas A. Willke from Professor in the Division of Statistics to Vice Provost for Arts and Sciences, effective October 1, 1973, at a salary of \$25,248.00 per annum. Dr. Willke will continue to hold an academic appointment as Professor in the Division of Statistics at No Salary.

Samuel H. Osipow from Professor in the Department of Psychology to Professor and Acting Chairman of the Department of Psychology, effective October 1, 1973, at a salary of \$22,248.00 per annum.

Marvin Fox from Professor of Philosophy to Professor of the Leo Yassenoff Chair in Philosophy and Jewish Studies, effective October 1, 1973, at a salary of \$24,492.00 per annum.

### B. Leaves of Absence Without Salary

Ian W. Gregory, Professor and Chairman, Department of Psychiatry, effective November 1, 1973 through December 31, 1973, to accept an appointment on the General Hospital staff in Cornwall, Ontario.

Louis L. Bailin, Professor, Department of Electrical Engineering, effective October 1, 1973 through September 30, 1974, to participate in a management team at Thompson-Ramo-Woolridge Corporation, Radondo Beach, California.

Henry R. Velkoff, Professor, Department of Mechanical Engineering, effective October 1, 1973 through September 30, 1974, to work in army aviation research.

Swamy A. V. Paravastu, Professor, Department of Economics, effective October 1, 1973 through December 31, 1973, to continue as a consultant with the Board of Governors, Federal Reserve System, Washington, D. C.

Somasundaram Addanki, Associate Professor, Department of Pediatrics, effective June 11, 1973 through June 30, 1973, for personal reasons.

October 5, 1973 meeting, Board of Trustees

II. PERSONNEL ACTIONS (continued)

B. Leaves of Absence Without Salary (continued)

Shashikala A. Gogate, Assistant Professor, Department of Pathology, effective August 6, 1973 through September 21, 1973, for personal reasons.

James T. Tough, Associate Professor, Department of Physics, effective January 1, 1974 through September 30, 1974, to accept a Fellowship at the Scientific Research Council, St. Andrews, Scotland.

Beverly Koenig, Instructor, Cooperative Extension Service, effective January 1, 1974 through March 15, 1974, to participate in a program of professional improvement at Michigan State University.

Elmo Saunders, Instructor, University Libraries, effective October 1, 1973 through September 30, 1974, to engage in research in Africa.

C. Emeritus Title

Hollie W. Shupe, Office of University Architect, with the title University Architect Emeritus, effective October 1, 1973.

President Enarson recommended that the Appointments, Leaves of Absence Without Salary, Emeritus Title, and the personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Harrod, seconded by Mr. Safford, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

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October 5, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

President Enarson recommended that the following contracts and grants negotiated and monies received for the month of August be accepted.

Summary for August 1973

	No. of Projects	Support Level
Office of Finance and Treasurer	19	\$1,126,152.00
The Ohio State University Research Foundation	89	2,637,044.55
The Engineering Experiment Station	3	455,980.00
(Donors)		
The Ohio State University Development Fund	2,282	270,649.82

A detailed listing of the items in each section is shown on the following pages.

Upon motion of Mr. Safford, seconded by Mr. Dunlap, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the report from the Office of Finance and Treasurer and The Ohio State University Development Fund, including the establishment of named funds, were approved by unanimous voice vote.

October 5, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

A. Office of Finance and Treasurer

1. Federal Contracts/Grants

- a. \$52,537.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, for Health Professions Scholarship and Health Professions Student Loan, under the direction of the College of Medicine, for the period July 1, 1973 through June 30, 1974. (I.D. No. 1 7 45 0430 15 1)
- b. \$52,537.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, for Health Professions Scholarship and Health Professions Student Loan, under the direction of the College of Dentistry, for the period July 1, 1973 through June 30, 1974. (I.D. No. 2 7 45 0430 15 1)
- c. \$38,575.00 granted by United States Department of Justice, Law Enforcement Assistance Administration, Des Plaines, Illinois, for Law Enforcement Education Program (LEEP), for the period July 1, 1973 through June 30, 1974. (Vendor Code 003090)
- d. \$38,160.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, for Health Professions Scholarship and Health Professions Student Loan, under the direction of the College of Veterinary Medicine, for the period July 1, 1973 through June 30, 1974. (I.D. No. 7 7 45 0430 15 1)
- e. \$30,389.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, for Psychiatry (Child) - Training Grant, under the direction of the Department of Psychiatry, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 T01 MH11296-06)
- f. \$100.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, for Health Professions Scholarship, under the direction of the College of Pharmacy, for the period July 1, 1973 through June 30, 1974. (I.D. No. 5 7 45 0430 15 1)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

A. Office of Finance and Treasurer (continued)

1. Federal Contracts/Grants (continued)

- g. \$69.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, for Health Professions Scholarship, under the direction of the College of Optometry, for the period July 1, 1973 through June 30, 1974. (I. D. No. 4 7 45 0430 15 1)

TOTAL - Federal/Contracts/Grants \$212,367.00

2. State of Ohio Contracts/Grants

- a. \$112,388.00 granted by State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, for Local Education Agency Planning, under the direction of the Academic Faculty of Vocational-Technical Education, for the period July 1, 1973 through June 30, 1974. (EPDA Sub-Project 72052)
- b. \$97,249.00 granted by State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, for Occupational Analyses for 75 Occupations, under the direction of the Academic Faculty of Vocational-Technical Education, for the period July 1, 1973 through June 30, 1974. (EPDA Sub-Project 73042)
- c. \$95,000.00 granted by State of Ohio, Department of Education, Drug/Health Education Section, Columbus, Ohio, for organizing, developing, and implementing a working/writing project to create a drug education program for the inner-city student and for students enrolled in the educable mentally retarded classes of our State, under the direction of the School of Health, Physical Education, and Recreation for the period June 1, 1973 through June 30, 1974.
- d. \$66,149.00 granted by State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, for Development of and Training in the Use of a Management Information System by the State Staff, under the direction of the Academic Faculty of Vocational-Technical Education, for the period July 1, 1973 through June 30, 1974. (EPDA Sub-Project 73011)
- e. \$51,008.00 granted by State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, for Career Development Leadership Workshop, under the direction of the Academic Faculty of Vocational-Technical Education, for the period June 1, 1973 through June 30, 1974. (EPDA Sub-Project 72112)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

A. Office of Finance and Treasurer (continued)

2. State of Ohio Contracts/Grants (continued)

- f. \$50,000.00 granted by State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, for establishment of a college laboratory center, under the direction of the Academic Faculty of Vocational-Technical Education, for the period ending December 31, 1973. (EPDA Project No. 72122)
- g. \$45,008.00 granted by State of Ohio, Department of Health, Columbus, Ohio, for Community Health Development Programs, under the direction of the Department of Preventive Medicine, for the period July 1, 1973 through June 30, 1974.
- h. \$44,000.00 granted by Ohio Board of Regents, Columbus, Ohio, for Columbus Metropolitan Area Management Advancement Program, under the direction of the College of Administrative Science. (Program No. 73-944-015)
- i. \$16,140.00 granted by Ohio Board of Regents, Columbus, Ohio, for Training Professionals to Work with the Educationally Disadvantaged Adults of Newark, Ohio, under the direction of The Ohio State University - Newark Branch. (Program No. 73-944-014)

TOTAL - State of Ohio Contracts/Grants \$576,942.00

3. Industrial and Other Contracts/Grants

- a. \$280,828.00 granted by The Ford Foundation, New York, New York, for continued support of a program to prepare principals and other administrators for schools in urban neighborhoods, under the direction of the College of Education, Academic Faculty of Education Administration, for the period June 16, 1973 through September 15, 1975. (Grant No. 690-0635C)
- b. \$40,015.00 granted by Education Task Force through New Detroit, Inc., Detroit, Michigan, for organizing the Detroit Decision Seminar and with preparation of maps, charts, and other data relevant to the seminar, under the direction of the Mershon Center for Education in National Security, for the period July 1, 1973 through June 30, 1974.
- c. \$16,000.00 granted by Muscular Dystrophy Associations of America, Inc., New York, New York, for purchase of a TE-4 Electromyogram with special adapters and attachments, under the direction of the Department of Physical Medicine.

TOTAL - Industrial and Other Contracts/Grants \$336,843.00

October 5, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation

1. Federal Research Contracts/Grants

- a. \$200,000.00 from Department of Health, Education, and Welfare, Social and Rehabilitation Service, Rehabilitation Services Administration, Washington, D. C., for Evaluation Project--Service Organization and Clients, under the direction of the Mershon Center for Education in National Security, for the period June 1, 1973 through May 31, 1974. (Project 3269-A3 - Ext. #2)
- b. \$145,796.00 from Department of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, for Methods for Prolonging Action of Narcotic Antagonists, under the direction of the College of Pharmacy, for the period June 1, 1973 through May 31, 1976. (Project 3740-A1 - New)
- c. \$103,000.00 from National Science Foundation, Washington, D. C., for Theory of Social Impact, under the direction of the Department of Psychology, for the period September 1, 1973 through August 31, 1975. (Project 3790-A1 - New)
- d. \$100,000.00 from Department of the Air Force, Air Force Systems Command, Headquarters 4950th Test Wing (Tech), Wright-Patterson Air Force Base, Ohio, for High Reynolds Number Transonic Testing Techniques, under the direction of the Department of Aeronautical and Astronautical Engineering, for the period June 30, 1971 through June 30, 1974. (Project 3273-A1 - Mod. #P00003)
- e. \$86,994.00 from Environmental Protection Agency, National Environmental Research Center, Cincinnati, Ohio, for Development of Predictive Models for Sanitary Landfill Gas Movement, under the direction of the Department of Civil Engineering, for the period June 29, 1973 through December 31, 1974. (Project 3733-A1 - New)
- f. \$74,796.00 from Department of the Navy, Naval Regional Procurement Office, Philadelphia Newport Division, Newport, Rhode Island, for Electro Magnetic Direction Finding Systems, under the direction of the Department of Electrical Engineering, ElectroScience Laboratory, for the period July 9, 1973 through June 30, 1974. (Project 3735-A1 - New)
- g. \$50,107.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, for Structural Investigation on Glycosaminoglycans, under the direction of the Department of Chemistry, for the period September 1, 1973 through August 31, 1974. (Project 2516-F - Ext. #6)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts/Grants (continued)

- h. \$50,000.00 from Department of Transportation, Federal Highway Administration, Washington, D. C., for Application of Fracture Mechanics for Improved Design of Bituminous Concrete, under the direction of the Department of Civil Engineering, for the period June 29, 1973 through December 30, 1974. (Project 3736-A1 - New)
- i. \$49,628.00 from Environmental Protection Agency, Headquarters Support Procurement Section, Washington, D. C., for Development and Implementation of Environmental Protection Agency Procurement Training Program, under the direction of the College of Administrative Science, Division of Continuing Education, for the period July 1, 1973 through March 22, 1974. (Project 3737-A1 - New)
- j. \$48,972.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, for Neuropharmacology of Isolated Neuroendocrine Systems, under the direction of the Department of Pharmacology, for the period September 1, 1973 through August 31, 1974. (Project 3529-A2 - Ext. #1)
- k. \$46,461.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, for Pathogenesis of Coronary Atherosclerosis, under the direction of the Department of Pathology, for the period September 1, 1973 through August 31, 1974. (Project 2525-F - Ext. #6)
- l. \$45,216.00 from Department of Transportation, National Highway Traffic Safety Administration, Washington, D. C., for Effects of Noxious Gases on Driver Performance, under the direction of the Department of Industrial and Systems Engineering, for the period July 1, 1973 through April 30, 1974. (Project 3734-A1 - New)
- m. \$45,100.00 from National Science Foundation, Washington, D. C., for Chemical and Structural Relationships of the Intermediate Boron Hydrides, under the direction of the Department of Chemistry, for the period September 1, 1973 through August 31, 1974. (Project 3789-A1 - New)
- n. \$45,000.00 from Environmental Protection Agency, Ecological Effects Branch, Processes and Effects Division, Washington, D. C., for Propagation of Insect Viruses in Cultured Insect Cells, under the direction of the Department of Entomology, for the period July 23, 1973 through July 22, 1974. (Project 3745-A1 - New)

October 5, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts/Grants (continued)

- o. \$44,000.00 from National Science Foundation, Washington, D. C., for Factors Affecting Phloem Translocation in Plants, under the direction of the Department of Botany, for the period September 1, 1973 through August 31, 1975. (Project 3788-A1 - New)
- p. \$42,000.00 from National Science Foundation, Washington, D. C., for Conformational Studies of Biopolymers, under the direction of the Department of Biochemistry, for the period September 1, 1973 through August 31, 1975. (Project 3756-A1 - New)
- q. \$38,457.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, for Wall Shear Stresses in Coronary Vessels, under the direction of the Departments of Veterinary Physiology and Pharmacology and Aeronautical and Astronautical Engineering, for the period October 1, 1973 through September 30, 1974. (Project 3797-A1 - New)
- r. \$35,180.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, for Development of Selective B-Adrenoreceptive Agents, under the direction of the College of Pharmacy, for the period September 1, 1973 through August 31, 1974. (Project 3798-A1 - New)
- s. \$35,143.00 from U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, for Methods, Computer Programs, and Approximations in Fast Reactor Design Basis Accident Calculations, under the direction of the Department of Mechanical Engineering, for the period October 1, 1972 through May 31, 1974. (Project 3588-A1 - Mod. #1)
- t. \$34,500.00 from National Science Foundation, Washington, D. C., for Comparative Functional Morphology of the Syrinx, under the direction of the Department of Zoology, for the period September 1, 1973 through August 31, 1975. (Project 3791-A1 - New)
- u. \$34,369.00 from Department of the Navy, Naval Air Development Center, Warminster, Pennsylvania, for On-Aircraft Antennas, under the direction of the Department of Electrical Engineering, ElectroScience Laboratory, for the period January 26, 1972 through December 31, 1973. (Project 3390-A1 - Mod. #P00003)

October 5, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts/Grants (continued)

- v. \$32,750.00 additional funds from Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., for Educational Research Information Center (ERIC) for Science, Mathematics, and Environmental Education, under the direction of the Academic Faculty of Science and Mathematics Education. (Project 2228 - Mod. #16)
- w. \$32,553.00 from Department of Transportation, National Highway Traffic Safety Administration, Washington, D. C., for Effects of Noxious Gases on Driver Performance, under the direction of the Department of Preventive Medicine, for the period July 1, 1973 through April 30, 1974. (Project 3734-B1 - New)
- x. \$32,533.00 from Department of the Interior, Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife, Washington, D. C., for The Physiological Mechanisms of Egg Shell Thinning, under the direction of the Department of Zoology, for the period June 15, 1973 through June 14, 1975. (Project 3709-A1 - New)
- y. \$30,197.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, for Iodoacetate--Immuno-therapy of Lymphoid Leukemia, under the direction of the Department of Microbiology, for the period September 1, 1973 through August 31, 1974. (Project 3538-A2 - Ext. #1)
- z. \$30,000.00 from Environmental Protection Agency, Research Triangle Park, North Carolina, for An Annotated Directory of Instruction of Materials and Resources in the Field of Air Pollution Control, under the direction of the Academic Faculty of Science and Mathematics Education, for the period June 25, 1973 through June 24, 1974. (Project 3728-A1 - New)
- aa. \$29,254.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, for A Comparative Study of the Extrapyrimal System, under the direction of the Department of Anatomy, for the period September 1, 1973 through August 31, 1974. (Project No. 2512-F - Ext. #6)
- bb. \$28,900.00 from National Science Foundation, Washington, D. C., for Metal Carbonyls and Metal-Carbon Bonds, under the direction of the Department of Chemistry, for the period September 1, 1972 through September 30, 1974. (Project 3536-A1 - Ext. #1)



October 5, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts/Grants (continued)

- cc. \$25,099.00 from Department of Health, Education, and Welfare, Social and Rehabilitation Service, Office of Research and Demonstrations, Washington, D. C., for Service Organizations and Clients, under the direction of the Mershon Center for Education in National Security, for the period July 1, 1973 through June 30, 1974. (Project 3441-A2 - Ext. #1)
- dd. \$20,000.00 from Department of the Air Force, Air Force Systems Command, Electronic Systems Division, L. G. Hanscom Field, Massachusetts, for Scattering by Cylinders with Finite Length, Finite Conductivity and Noncircular Cross Section, under the direction of the Department of Electrical Engineering, Electro-Science Laboratory, for the period August 1, 1973 through January 31, 1974. (Project 3754-A1 - New)
- ee. \$15,000.00 additional funds from Department of the Air Force, Headquarters 4950th Test Wing (Tech), Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, for Gas Turbine Transpiration Cooling Research, under the direction of the Department of Mechanical Engineering. (Project 3611-A1 - Mod. #P00002)
- ff. \$15,000.00 from Department of the Interior, Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife, Washington, D. C., for Status of Endangered Fluvial Mollusks in Central North America, under the direction of the Department of Zoology, for the period June 15, 1973 through March 31, 1974. (Project 3712-A1 - New)
- gg. \$14,244.00 from Department of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, for Amphetamine Tolerance: Central and Peripheral Studies, under the direction of the College of Pharmacy, for the period September 1, 1973 through August 31, 1974. (Project 3541-A2 - Ext. #1)
- hh. \$12,594.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, for Intra-Hepatic Control of Liver Blood Flow, under the direction of the Department of Physiology, for the period September 1, 1973 through August 31, 1974. (Project 2518-F - Ext. #6)

October 5, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts/Grants (continued)

- ii. \$10,000.00 from U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, for Pre-Freshman and Cooperative Education for Minorities in Engineering at The Ohio State University, under the direction of the Department of Mechanical Engineering, for the period March 15, 1973 through August 31, 1974. (Project 3716-A1 - New)
- jj. \$9,996.00 from Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., for Games in Eskimo Children's Culture: Changes and Functions, under the direction of the Department of Anthropology, for the period June 27, 1973 through November 30, 1974. (Project 3738-A1 - New)
- kk. \$8,500.00 from National Science Foundation, Washington, D. C., for support of Geological Studies, under the direction of the Department of Geology and Mineralogy, for the period January 1, 1971 through June 30, 1974. (Project 3172-A1 - Amend. #2)
- ll. \$7,837.00 from Department of the Interior, Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife, Washington, D. C., for The Effects of Wetting on Redwing Blackbird Energetics and Survival, under the direction of the Department of Zoology, for the period July 1, 1973 through June 30, 1974. (Project 3723-A1 - New)
- mm. \$5,000.00 from Department of Health, Education, and Welfare, Office of Education, Bureau of Libraries and Learning Resources, Washington, D. C., for Acquisition of Academic Library Resources for Lima Regional Campus, under the direction of the University Libraries, for the period July 1, 1973 through June 30, 1974. (Project 3742-A1 - New)
- nn. \$5,000.00 from Department of Health, Education, and Welfare, Office of Education, Bureau of Libraries and Learning Resources, Washington, D. C., for Acquisition of Academic Library Resources for OSU Main Libraries, under the direction of the University Libraries, for the period July 1, 1973 through June 30, 1974. (Project 3743-A1 - New)
- oo. \$5,000.00 from Department of Health, Education, and Welfare, Office of Education, Bureau of Libraries and Learning Resources, Washington, D. C., for Acquisition of Academic Library Resources for Newark Regional Campus, under the direction of the University Libraries, for the period July 1, 1973 through June 30, 1974. (Project 3744-A1 - New)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts/Grants (continued)

pp. \$2,500.00 from National Science Foundation, Washington, D. C., for Studies of Glaciers in the South Shetland Islands, under the direction of the Institute of Polar Studies, for the period May 15, 1971 through March 31, 1974. (Project 3231-A1 - Amend. #3)

qq. \$1,000.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, for Structure of the Red Mechanism in the Color-Normal, under the direction of the Department of Biophysics, for the period June 1, 1972 through November 30, 1973. (Project 3048-A3 - Sup. #1)

TOTAL - Federal Research Contracts/Grants \$1,727,676.00

2. State of Ohio Research Contracts/Grants

a. \$38,441.00 from Department of Mental Health and Mental Retardation, Division of Forensic Psychiatry, Columbus, Ohio, for The Diagnosis and Treatment of Sociopathic Personality in Psychiatric Inpatients: An Alternative to Institutionalization, under the direction of the Department of Psychiatry, for the period July 1, 1973 through June 30, 1974. (Project 3753-A1 - New)

b. \$15,403.00 from Department of Mental Health and Mental Retardation, Division of Forensic Psychiatry, Columbus, Ohio, for Effective Implementation of the Ascherman Act, under the direction of the Division of Public Administration and the School of Social Work, for the period July 1, 1973 through June 30, 1974. (Project 3596-A2 - Ext. #1)

c. \$7,500.00 from Department of Mental Health and Mental Retardation, Division of Forensic Psychiatry, Columbus, Ohio, for Evaluation of the Dayton Montgomery Forensic Psychiatry Center, under the direction of the Division of Public Administration and the School of Social Work, for the period October 1, 1973 through September 30, 1974. (Project 3595-A2 - Ext. #1)

TOTAL - State of Ohio Research Contracts/Grants \$61,344.00

3. Industrial, Subcontracts, and Other Non-Federal Research Contracts/Grants

a. \$540,000.00 from Council for Economic Opportunities in Greater Cleveland, Cleveland, Ohio, for Professional Service for a Technical Assistance and Management System, under the direction of The Ohio State University Nisonger Center for Mental Retardation, for the period July 1, 1973 through January 31, 1974. (Project 3739-A1 - New)

October 5, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

3. Industrial, Subcontracts, and Other Non-Federal  
Research Contracts/Grants (continued)

- b. \$17,520.00 from Illuminating Engineering Research Institute, New York, New York, for Studies of Visual Performance and Illumination, under the direction of the Department of Biophysics, for the period July 1, 1973 through June 30, 1974. (Project 885 - Ext. #16)
- c. \$16,000.00 from Illuminating Engineering Research Institute, New York, New York, for Studies of Visual Performance and Illumination, under the direction of the Institute for Research in Vision, for the period July 1, 1973 through June 30, 1974. (Project 885-A - Ext. #7)
- d. \$14,812.00 from National Tuberculosis and Respiratory Disease Association, New York, New York, for Cellular Adaption to Chronic Hypoxia, under the direction of the Department of Medicine, for the period July 1, 1973 through June 30, 1974. (Project 3747-A1 - New)
- e. \$14,172.00 from E. R. Squibb & Sons, Inc., Worldwide Headquarters, Princeton, New Jersey, for The Efficacy of Ampicillin in Equine Respiratory Disease, under the direction of the Department of Veterinary Clinical Sciences, for the period August 1, 1973 through December 31, 1973. (Project 3760-A1 - New)
- f. \$13,800.00 from Battelle Memorial Institute, Columbus, Ohio, for Snow, Permafrost and Soils Investigations on Alaska's North Slope, under the direction of the Institute of Polar Studies, for the period April 1, 1973 through December 31, 1973. (Project 3755-A1 - New)
- g. \$8,874.00 from University of Washington, Seattle, Washington, for Investigations of the Geographic Applications of Holography, under the direction of the Department of Electrical Engineering, Electro-Science Laboratory, for the period July 1, 1973 through October 31, 1973. (Project 3759-A1 - New)
- h. \$7,559.00 from American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, for Prevention of Capillary No-Flow Phenomenon--Brain Ischemia, under the direction of the Department of Medicine, for the period October 1, 1973 through September 30, 1974. (Project 3778-A1 - New)

October 5, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

3. Industrial, Subcontracts, and Other Non-Federal  
Research Contracts/Grants (continued)

- i. \$7,500.00 from American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, for Studies of the Physiology of Renin and Prostaglandin, under the direction of the Department of Medicine, for the period October 1, 1973 through September 30, 1974. (Project 3762-A1 - New)
- j. \$7,500.00 from American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, for Immunohistochemical Study in Atherosclerosis, under the direction of the Department of Pathology, for the period October 1, 1973 through September 30, 1974. (Project 3773-A1 - New)
- k. \$7,500.00 from American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, for Predisposing Factors in the Rupture of Left Ventricular Wall in the Postinfarction Period, under the direction of the Department of Medicine, for the period October 1, 1973 through September 30, 1974. (Project 3775-A1 - New)
- l. \$7,500.00 from American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, for Mechanism of Ion Extrusion in Heart Mitochondria, under the direction of the Department of Surgery, for the period October 1, 1973 through September 30, 1974. (Project 3779-A1 - New)
- m. \$7,500.00 from American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, for The Effects of Chronic Hypoxia and Cyanosis on Cardiac Performance and Metabolism, under the direction of the Department of Medicine, for the period October 1, 1973 through September 30, 1974. (Project 3780-A1 - New)
- n. \$7,500.00 from American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, for The Effect of Cholestyramine in Patients with Digitalis Intoxication, under the direction of the Department of Medicine, for the period October 1, 1973 through September 30, 1974. (Project 3781-A1 - New)
- o. \$7,500.00 from American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, for Electrophysiologic Studies of Supraventricular Tachycardia and Sinoatrial Dysfunction in Man, under the direction of the Department of Medicine, for the period October 1, 1973 through September 30, 1974. (Project 3783-A1 - New)
- p. \$7,484.00 from American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, for Model Derivation Based on Coronary Pressure Flow, under the direction of the Department of Veterinary Clinical Sciences, for the period October 1, 1973 through September 30, 1974. (Project 3768-A1 - New)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

3. Industrial, Subcontracts, and Other Non-Federal  
Research Contracts/Grants (continued)

- q. \$7,472.00 from American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, for The Biochemical Triggering Mechanisms Initiating Cardiac Hypertrophy, under the direction of the Department of Pathology, for the period October 1, 1973 through September 30, 1974. (Project 3764-A1 - New)
- r. \$7,472.00 from American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, for Effects of Catecholamines and Fatty Acids on the Anoxic Heart, under the direction of the Department of Physiological Chemistry, for the period October 1, 1973 through September 30, 1974. (Project 3784-A1 - New)
- s. \$7,450.00 from American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, for Cerebral Lactate Clearance and Energy Metabolism Following Vascular Interruption, under the direction of the Department of Surgery, for the period October 1, 1973 through September 30, 1974. (Project 3763-A1 - New)
- t. \$7,262.00 from American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, for The Role of Histones in the Initiation of Myocardial Hypertrophy, under the direction of the Department of Veterinary Pathobiology, for the period October 1, 1973 through September 30, 1974. (Project 3769-A1 - New)
- u. \$7,254.00 from American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, for A Study of the Conformational Change of Troponin in the Calcium Control Mechanism of Myocardial Contractility, under the direction of the Department of Biophysics, for the period October 1, 1973 through September 30, 1974. (Project 3766-A1 - New)
- v. \$7,176.00 from American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, for Effects of Training the Arm and/or Leg Muscles on Cardiorespiratory Responses to Submaximal and Maximal Exercise, under the direction of the School of Health, Physical Education, and Recreation, for the period October 1, 1973 through September 30, 1974. (Project 3793-A1 - New)
- w. \$7,126.00 from Council on Library Resources, Washington, D. C., for A Selective Statistical Study of an Automated Library Circulation System, under the direction of the University Libraries, for the period August 27, 1973 through November 26, 1973. (Project 3795-A1 - New)

October 5, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

3. Industrial, Subcontracts, and Other Non-Federal  
Research Contracts/Grants (continued)

- x. \$7,080.00 from American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, for Antimycin-Receptor Site Interaction in the Heart-Muscle Respiratory System, under the direction of the Department of Physiological Chemistry, for the period October 1, 1973 through September 30, 1974. (Project 3785-A1 - New)
- y. \$7,000.00 from American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, for Wall Shear Stresses in Coronary Vessels of Horses, under the direction of the Department of Veterinary Physiology and Pharmacology, for the period October 1, 1973 through September 30, 1974. (Project 3770-A1 - New)
- z. \$6,903.00 from American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, for Diastolic Left Ventricular Distensibility Studied in Intact Dogs, under the direction of the Department of Physiology, for the period October 1, 1973 through September 30, 1974. (Project 3794-A1 - New)
- aa. \$6,720.00 from American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, for Mechanism(s), of Increased Cardiac Function During Myocardial Ischemia, under the direction of the Department of Pharmacology, for the period October 1, 1973 through September 30, 1974. (Project 3767-A1 - New)
- bb. \$6,680.00 from American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, for A New Operation for Transposition of the Great Vessels, under the direction of the Department of Surgery, for the period October 1, 1973 through September 30, 1974. (Project 3774-A1 - New)
- cc. \$6,577.00 from American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, for Biochemical Events Underlying Irreversible Injury to Ischemic Myocardium, under the direction of the Department of Physiological Chemistry, for the period October 1, 1973 through September 30, 1974. (Project 3786-A1 - New)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Resesearch Foundation (continued)

3. Industrial, Subcontracts, and Other Non-Federal  
Research Contracts/Grants (continued)

- dd. \$6,510.00 from American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, for Hypercapnia as a Determinant of Coronary Vascular Resistance Alterations, under the direction of the Department of Physiology, for the period October 1, 1973 through September 30, 1974. (Project 3761-A1 - New)
- ee. \$6,351.00 from American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, for Differentiation of Spontaneous Subarachnoid Hemorrhage from Traumatic Tap, under the direction of the Department of Medicine, for the period October 1, 1973 through September 30, 1974. (Project 3777-A1 - New)
- ff. \$6,300.00 from American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, for The Enterohepatic Circulation and Intestinal Secretion of <sup>3</sup>H-Digoxin in Man, under the direction of the Department of Medicine, for the period October 1, 1973 through September 30, 1974. (Project 3776-A1 - New)
- gg. \$6,281.00 from American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, for Response of the Renal Vasculature to Vasa Constrictor and Vasa Dilator Agents, under the direction of the Department of Veterinary Physiology and Pharmacology, for the period October 1, 1973 through September 30, 1974. (Project 3771-A1 - New)
- hh. \$6,202.00 from American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, for The Effects of Chronic Heavy Physical Training on Selected Physical and Physiological Variables in Age Group Swimmers from 10-17 Years of Age, under the direction of the School of Health, Physical Education, and Recreation, for the period October 1, 1973 through September 30, 1974. (Project 3792-A1 - New)
- ii. \$4,921.05 additional funds from The Procter & Gamble Company, Cincinnati, Ohio, for Study of Dental Calculus, under the direction of the College of Dentistry. (Project 2070 - Ltr. Dtd. 7/24/73)
- jj. \$4,819.00 from American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, for Relationship Between the Anti-Arrhythmic Effect of Diphenylhydantoin and Its Binding to the Cardiac Subcellular Fractions, under the direction of the Department of Pharmacology, for the period October 1, 1973 through September 30, 1974. (Project 3765-A1 - New)



October 5, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

3. Industrial, Subcontracts, and Other Non-Federal  
Research Contracts/Grants (continued)

- kk. \$4,627.00 from American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, for Effects of Upright Posture on the Hemodynamics of Mitral Stenosis, under the direction of the Department of Medicine, for the period October 1, 1973 through September 30, 1974. (Project 3782-A1 - New)
- ll. \$4,000.00 from The Metal Properties Council, United Engineering Center, New York, New York, for A Survey of Mechanical and Corrosion Properties of Selected Alloys, under the direction of the Department of Metallurgical Engineering, for the period July 1, 1970 through March 31, 1974. (Project 3069-A1 - Ltr. Dtd. 8/2/73)
- mm. \$3,500.00 from State of Ohio, Department of Rehabilitation and Corrections, Columbus, Ohio, for Evaluative Audit of Therapeutic Community, under the direction of the Division of Public Administration and the School of Social Work, for the period May 1, 1973 through June 30, 1973. (Project 3708-A1 - New)
- nn. \$3,120.50 additional funds from The Procter & Gamble Company, Cincinnati, Ohio, for Study of Dental Caries, under the direction of the College of Dentistry. (Project 2065-C - Ltr. Dtd. 7/24/73)
- oo. \$2,500.00 from State of Ohio, Department of Rehabilitation and Corrections, Columbus, Ohio, for Management Communications Training Seminar, under the direction of the Division of Public Administration, for the period July 1, 1973 through August 31, 1973. (Project 3741-A1 - New)
- pp. \$2,000.00 from The Metal Properties Council, United Engineering Center, New York, New York, for A Survey of Mechanical and Corrosion Properties of Selected Alloys, under the direction of the Department of Metallurgical Engineering, for the period July 1, 1970 through June 30, 1973. (Project 3069-B1 - New)
- qq. \$2,000.00 from AVCO Precision Products, Richmond, Indiana, for Wind Tunnel Tests of Models, under the direction of the Department of Aeronautical and Astronautical Engineering, for the period August 7, 1973 through September 6, 1973. (Project 3758-A1 - New)

TOTAL - Industrial, Subcontracts, and Other Non-Federal  
Research Contracts/Grants \$848,024.55

October 5, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

C. The Engineering Experiment Station

1. State of Ohio Research Contracts

- a. \$21,000.00 from Ohio Department of Transportation, Columbus, Ohio, for Field Study of Subgrade Composition, under the direction of the Department of Civil Engineering, for the period November 1, 1973 through October 31, 1974. (EES 406 - Ext. No. 2)
- b. \$19,980.00 from Ohio Department of Transportation, Columbus, Ohio, for Development of Unified Bus Modal-Split Models for Ohio Cities Based on Census and Attitude Data, under the direction of the Department of Civil Engineering, for the period July 31, 1973 through July 31, 1974. (EES 459)

TOTAL - State of Ohio Research Contracts \$40,980.00

2. Industrial and Other Research Contract

- a. \$415,000.00 from Electric Power Research Institute, New York, New York, for Fuel Utilization in Residential Heating, under the direction of the Department of Mechanical Engineering, for the period July 30, 1973 through July 29, 1975. (EES 460)

D. The Ohio State University Development Fund

1. Gifts of \$5,000 or More

- a. \$28,307.71 from The Associates of Medicine, Columbus, Ohio, to continue their support of the Department of Medicine General Fund.
- b. \$25,000.00 from an anonymous donor, to assist in the purchase of the Rinhart Collection of Daguerreian Art.
- c. \$15,000.00 from Mr. and Mrs. Frederick L. Van Lennep, Lexington, Kentucky, for the Dean's Fund for Education and Research in the College of Veterinary Medicine.
- d. \$11,500.00 from Pfizer, Inc., New York, New York, for renal disease research.
- e. \$11,200.00 from The Procter & Gamble Company, Cincinnati, Ohio--\$6,000.00 to support the teaching and research activities that form a part of the department's graduate program in the field of Veterinary Pathobiology and \$5,200.00 for their fellowship fund in Mechanical Engineering.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund (continued)

1. Gifts of \$5,000.00 or More (continued)

- f. \$7,000.00 from George F. Lonz Foundation, Middle Bass, Ohio, to support the Department of Horticulture programs in Enology and Viticulture.
- g. \$6,551.00 from Schering Corporation, Bloomfield, New Jersey, for research in Veterinary Surgery.
- h. \$6,000.00 from The Upjohn Company, Kalamazoo, Michigan, for infectious disease research in the College of Medicine.
- i. \$5,500.00 from The Lubrizol Foundation, Cleveland, Ohio--\$2,000.00 to support their fellowship fund in Chemical Engineering, \$2,000.00 for their fellowship in Chemistry, \$1,000.00 for their scholarship in Mechanical Engineering, and \$500.00 for their scholarship in Mathematics.
- j. \$5,210.00 from General Motors Corporation, Detroit, Michigan, for the O. S. U. Fellowship Fund.
- k. \$5,000.00 from NOBA, Inc., Tiffin, Ohio, for its research fund in the Department of Dairy Science.
- l. \$5,000.00 from Phi Beta Psi Sorority, Grand Chapter, Muncie, Indiana, for cancer research.
- m. \$5,000.00 from Fritz Straumann, Waldenburg, Switzerland, for support of research in Veterinary Surgery.

2. Establishment of Named Funds

- a. \$20,000.00 from The F. and R. Lazarus Company for the establishment of the Robert Lazarus Student Loan Fund.

Robert Lazarus Student Loan Fund

The F. and R. Lazarus Company has made an initial gift of \$20,000 through The Ohio State University Development Fund to establish a student loan fund in memory of the late Robert Lazarus, Sr. It is expected that additional contributions over the next five years will support a \$100,000 fund.

After his graduation from Ohio State in 1912, Robert Lazarus was dedicated to the enlargement of educational opportunities. He had particular interest and affection for his alma mater and took pride in its accomplishments.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund (continued)

2. Establishment of Named Funds (continued)

a. Robert Lazarus Student Loan Fund (continued)

Robert Lazarus had a life-long conviction that the self-disciplined individual can, by his own effort, make an effective contribution to the betterment of human life. He believed in the University as an institution which exists to enable the student to maximize his potential to make a particular contribution to the world in which he lives.

These scholarship loans are to be assigned to students devoted to the practical betterment of human life through the knowledge of demographic trends and the development of techniques, methods and philosophies that adapt the expanding technical, social, political, educational, environmental and other advances to the needs of individual men and women.

It is recommended that the income and principal of the Robert Lazarus Student Loan Fund be employed at the discretion of the University as a revolving fund and that the loans be repaid to the Fund.

- b. \$10,000.00 from the Estate of Siragan H. Ezekelian for the establishment of the Siragan H. Ezekelian Bacteriology Fund.

Siragan H. Ezekelian Bacteriology Fund

The Siragan H. Ezekelian Bacteriology Fund was established October 5, 1973, by the Board of Trustees of The Ohio State University with a bequest through The Ohio State University Development Fund from Siragan Hovhanes Ezekelian (B.Sc.Agr. '14, M.S. '16), late of Oak Park, Illinois.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The income is to be used to establish the Siragan H. Ezekelian Bacteriology Fund for the discretionary use of the Department of Microbiology, College of Biological Sciences.

Should the need for this Fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for bacteriology education.

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IV. BUSINESS AND ADMINISTRATION

A. Architects or Engineers

1. Hayes Hall, Fire Safety Improvements and Vivian Hall Remodeling, Selection of Architect/Engineer

President Enarson recommended that the architectural firm of John W. Spencer and Associates, Inc., Columbus, Ohio, be employed to provide complete architectural and engineering services for these projects, including preliminary plans, basic drawings, working drawings, specifications, estimate of cost, other bidding documents, and supervision of construction.

The fee for this service will be negotiated between the architectural firm and the Ohio Department of Public Works. The total estimated project cost for the Hayes Hall, Fire Safety Improvements project is \$60,000; total estimated project cost for Vivian Hall Remodeling is \$70,000.

Funds for this Architect/Engineer service have been provided from the Utilities and Renovation Appropriation (H. B. 985).

2. Hagerty Hall Air Conditioning, Selection of Architect/Engineer

President Enarson recommended that the engineering firm of W. E. Monks, Columbus, Ohio, be employed to provide complete engineering services for this project, including preliminary plans, basic drawings, working drawings, specifications, estimate of cost, other bidding documents, and supervision of construction.

The fee for this service will be negotiated between the engineering firm and the Ohio Department of Public Works. The total estimated project cost for the Hagerty Hall Air Conditioning project is \$475,000.

Funds for this Architect/Engineer service have been provided from the Utilities and Renovation Appropriation (H. B. 985).

Upon motion of Mr. Harrod, seconded by Mr. Safford, the above recommendations were approved by unanimous roll call vote.

B. Report of Award of Contracts

In accordance with authorization provided by the Board of Trustees, bids were taken on the project listed below and the contracts were recommended for award. The action reported to the Board was as follows:

October 5, 1973 meeting, Board of Trustees

IV. BUSINESS AND ADMINISTRATION (continued)

B. Report of Award of Contracts (continued)

1. Improvements for the Handicapped, Phase III  
(Building Improvements - Elevator)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (2 bids received - 9-21-73, Rebid)		
A. L. Meyer Construction Company (Columbus)	\$42,343.00	\$ 48,500.00
<u>Elevator Contract</u> (2 bids received - 9-12-73)		
Phunger-Lift Elevator (Columbus)	28,095.00	33,930.00
<u>Plumbing Contract</u> (1 bid received - 9-12-73)		
Limbach Company (Columbus)	2,700.00	3,705.00
<u>Heating, Ventilating, and Air Conditioning Contract</u> (2 bids received - 9-12-73)		
J. A. Guy, Inc. (Dublin, Ohio)	3,970.00	18,320.00
<u>Electrical Contract</u> (4 bids received - 9-12-73)		
Electric Power & Equipment (Columbus)	<u>5,274.00</u>	<u>16,960.00</u>
<u>Total All Contracts</u>	<u>\$82,382.00</u>	<u>\$121,415.00</u>

Funds for this project have been provided from Budget Account 801272  
(Improvements - Handicapped).

Upon motion of Mr. Safford, seconded by Mr. Harrod, the above award of contracts and expenditure of funds were approved and the action of the Vice President for Business and Administration was ratified by unanimous roll call vote.

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V. REPORTS

A. Report from the Insurance Committee

1. Extension of Medical Coverage for Retirees and Dependents

The Insurance Committee of the Board of Trustees has consulted with members of the University administration in an effort to improve the post-retirement medical benefits with no additional out-of-pocket cost to the University. As a result of these deliberations and with the agreement of the insurance carrier, Mr. Devenow, Chairman of the Insurance Committee, recommended that the following modifications be adopted by the Board of Trustees of The Ohio State University.

Effective October 1, 1973, the major medical and surgical coverage under the John Hancock contract applicable to retirees and dependents be amended as follows:

1. The full John Hancock Medical Care Insurance (the basic surgical-medical coverage and the \$50,000 major medical insurance) be extended to include eligible retired employees and eligible dependents beyond age seventy until deceased.
2. The self-insured \$2,500 major medical plan be terminated.
3. The full John Hancock Major Medical and Surgical Insurance coverage be extended to all present and future eligible University retired employees and dependents who retire with a minimum of ten years of OSU service and who are eligible to receive retirement or disability benefits under any retirement program administered by the State of Ohio, by paying the monthly premium cost to the University.
4. No restrictions for preexisting conditions are to apply, except that the improved coverage shall not apply to any medical care treatment or physician's services being rendered with respect to a current injury or sickness for which treatment is now being received. A carefree period of ninety days shall apply as respecting a current treatment to establish eligibility.

Upon motion of Mr. Devenow, seconded by Mrs. James, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

B. Report on the University's Investment Portfolio

The report dated September 28, 1973, as submitted to the Finance Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

October 5, 1973 meeting, Board of Trustees

V. REPORTS (continued)

C. Enrollment for the Autumn Quarter 1973

President Enarson made the following comments:

The leveling off of enrollments signals the end of the era of rapid growth and gives us the opportunity to concentrate our energies on upgrading quality.

We initially estimated that we would share in the common affliction, being down perhaps 1,500 or so students this fall. Instead, Ohio State University enrollment is up slightly to a new all time high of 46,700 on the Columbus campus.

Undergraduate enrollment is substantially down in the College of Education; it is substantially up in Agriculture and Natural Resources, in the Health Sciences and in other areas where market demand and social need are high. Call it 'dollar therapy,' call it students' 'voting preferences'--the point is that today's students are acutely conscious of the job market and are planning accordingly.

On yet another score I find the evidence impressive and encouraging--Ohio State University has powerful attraction, not only for those seeking graduate and professional preparation but for the starting freshmen as well. And well over 1,000 adult part-time students are enrolled for the first time in evening programs.

More flexibility, more options for the part-time student who works--these are the directions Ohio State must set for itself.

Mr. Richard Zimmerman, Executive Assistant to the President and Director of Budget and Resources Planning, made the following report:

The Columbus headcount enrollment for all credit programs (day and evening), Autumn 1973, is about 46,700 (approximately 1.6 per cent above the corresponding enrollment of 45,963 for Autumn 1972). The enrollment of 46,700 is 4 to 5 per cent above the level projected for Autumn 1973. Both the total baccalaureate enrollment and the total post-baccalaureate enrollment have increased by about 1.6 per cent over the corresponding enrollments for last Autumn.

Baccalaureate enrollment is higher than projected because of larger-than-expected numbers of new freshman and transfer students and because of the new evening program.



October 5, 1973 meeting, Board of Trustees

V. REPORTS (continued)

C. Enrollment for the Autumn Quarter 1973 (continued)

Mr. Zimmerman's report (continued)

Approximately 750 additional undergraduate students are enrolled in the new evening program. The number of new freshmen (first-time college students) is about 6,900; this number exceeds last year's number (6,463) by about 7 per cent and exceeds the projected number (6,250) by 10 per cent. The number of undergraduate transfer students is 400 to 500 (or approximately 25 per cent) above the expected number.

The number of credit hours of instruction and the FTE of enrollment by subsidy category will not be known until early in November 1973. It is expected that the number of part-time students will be greater than last Autumn.

For all non-Columbus campuses, the total enrollment is up from 4,077 last year to about 4,125 for Autumn 1973. Enrollment at the Agricultural Technical Institute (Wooster) is up from 198 to about 290. Enrollment at the OSU Graduate Center, Wright-Patterson Air Force Base, increased from 273 to about 330. The regional campuses (which enroll students in both baccalaureate and associate degree studies) are experiencing a continuing, steady growth in technical education. The total enrollment on these four campuses increased from 5,658 last Autumn to 5,900 for Autumn 1973 (+4%), even though the baccalaureate enrollment decreased slightly. The baccalaureate enrollment decreased about 4 per cent at Lima, increased about 4 per cent at Mansfield, decreased about 8 per cent at Marion and decreased about 6 per cent at Newark.

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Thereupon the Board adjourned to meet Friday, November 2, 1973, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

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Edward Q. Moulton  
Secretary

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Don M. Hilliker  
Chairman

Page 228 Blank

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND NINETY-FIRST MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, November 2, 1973

The Board of Trustees met at its regular monthly meeting on Friday, November 2, 1973, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Don M. Hilliker, Chairman, James W. Shocknessy, William C. Safford, John H. Dunlap, M. Merle Harrod, Howard D. Sirak, and Patricia D. James.

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Minutes of the September 7, 1973 and October 5, 1973 meetings were approved.

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November 2, 1973 meeting, Board of Trustees

#### REPORT BY CHAIRMAN

Mr. Hilliker announced that January 24, 1974, had been selected as a suitable date for "Trustee Day."

Mr. Hilliker took official note of Mr. Harrod's recent election to the Presidency of the Ohio Association of Manufacturers and extended his personal congratulations.

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#### RESOLUTIONS IN MEMORIAM

President Enarson reported to the Board the deaths of George R. Eastwood, Professor Emeritus in the Cooperative Extension Service, and Hortense Rickard, Assistant Professor Emeritus in the Department of Mathematics. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

##### A. George R. Eastwood

The Board of Trustees of The Ohio State University expresses its sorrow at the death of George R. Eastwood, Professor Emeritus in the Cooperative Extension Service, on October 8, 1973.

Mr. Eastwood was born October 3, 1884, in Madisonville, Kentucky. He spent the early years of his life on a farm while attending school in Kentucky. In 1906 he acquired a state teachers' certificate upon completion of two years at Kentucky State Normal. In 1910 he secured a B.Sc. in Agriculture degree from Kentucky State University. A M.Sc. degree, with emphasis in agricultural economics, was secured at The Ohio State University in 1931.

In 1910 Mr. Eastwood was employed by the Kentucky Agricultural Experiment Station and from 1910 to 1915 at the Ohio Agricultural Experiment Station. On September 1, 1915, he became county agricultural agent in Miami County and held that position until July 1, 1918, when he was named district supervisor. This was the position from which he retired on October 31, 1954, culminating over forty years of public employment and service to the people of Ohio.

Throughout his career as a faculty member with the Ohio Cooperative Extension Service, Mr. Eastwood earned and enjoyed the admiration and respect of a large group of county and state Extension faculty as well as local leadership in the areas of the state which he served. He was noted for his honest and forthright expression and the slow deliberate manner in which he dealt with problems of personnel and programs. His ability in planning and coordinating educational programs was widely recognized.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Eastwood its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to his son and daughter as a sincere expression of sympathy and respect.

RESOLUTIONS IN MEMORIAM (continued)

B. Hortense Rickard

The Board of Trustees of The Ohio State University expresses its sorrow at the death on October 10, 1973, of Hortense Rickard, Assistant Professor Emeritus in the Department of Mathematics.

Professor Rickard was born in Columbus, Ohio, in 1885. She obtained her B.A. degree in 1907 and M.A. degree in 1910, both from Ohio State. She was appointed to the faculty of the Mathematics Department in 1910, becoming an Instructor in 1917 and an Assistant Professor in 1924. She served continuously until her retirement in 1955.

Her teaching interest was centered on the less experienced lower division students. Her excellent work with this group was appreciated by the many students she encountered over her long tenure with the University. She was a long time member of the Mathematical Association of America.

On behalf of the University, the Board of Trustees expresses to the family and her friends its deep sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

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President Enarson presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Naming of Building

Upon the recommendation of the Vice President for Educational Services, President Enarson recommended that the ROTC Building located at 2121 Tuttle Park Place, housing the Department of Military Science, be officially named "George L. Converse Hall" to honor the memory of Colonel George Leroy Converse, Jr., Professor of Military Science with the longest tenure of any Commandant in the history of Ohio State University. Colonel Converse was primarily responsible for the creation of the Reserve Officer Training Corps (ROTC).

This recommendation is in accordance with the Bylaws of the Board of Trustees.

Upon motion of Mr. Dunlap, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

November 2, 1973 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Amendment to Sick Leave Policy

In the Board action of September 7, 1973, pertaining to the University's sick leave policy, the definition of "employee" should be understood to be limited to: Principal administrative officers, senior administrative and professional staff, unclassified professional, and classified civil service employees.

President Enarson recommended that the foregoing amendment be adopted by the Board of Trustees.

Upon motion of Mr. Safford, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

C. Change in Organization for Office of Student Services

At the request of Richard Armitage, Vice President for Student Services, President Enarson recommended that the Office of Dean of Students be replaced by the Office of Student Programs and Development, and that the Rules for the University Faculty be modified to effectuate this organizational realignment.

Upon motion of Mr. Harrod, seconded by Mrs. James, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

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II. PERSONNEL ACTIONS

Personnel actions since the October 5, 1973 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Appointments, Leaves of Absence Without Salary, and Emeritus Title:

A. Appointments

Charles H. Williams from Assistant Dean of Students to Assistant Vice President for Student Programs and Development, in the Office of Student Programs and Development, effective November 1, 1973, at a salary of \$19,368.00 per annum.

Rodney Swearingen from Acting Dean of Students to Assistant to the Vice President for Student Services, effective November 1, 1973, at a salary of \$19,368.00 per annum.

II. PERSONNEL ACTIONS (continued)

A. Appointments (continued)

David H. Elliot from Associate Professor in the Department of Geology and Mineralogy to Director of the Institute of Polar Studies and Associate Professor in the Department of Geology and Mineralogy, effective November 1, 1973, at a salary of \$20,088.00 per annum.

Robert W. Gardier from Professor in the Departments of Pharmacology and Anesthesiology to Professor and Acting Chairman of the Department of Pharmacology and Professor in the Department of Anesthesiology, effective November 1, 1973, at a salary of \$24,768.00 per annum.

Yehiel Hayon from Associate Professor in the Department of Romance Languages to Associate Professor of Hebrew in the College of Humanities, effective November 1, 1973, at a salary of \$16,008.00 per annum.

B. Leaves of Absence Without Salary

Ruth E. King, Instructor, School of Nursing, effective October 1, 1973 through December 31, 1973, for personal reasons.

Jean McClester, Instructor, Cooperative Extension Service, effective February 1, 1974 through June 15, 1974, to participate in a program of professional improvement at Michigan State University.

Edward L. Rice, Instructor, Mansfield Campus, effective October 1, 1973 through March 31, 1974, to continue work on his Ph. D. dissertation.

C. Emeritus Title

Charles J. Beetham, School of Health, Physical Education, and Recreation, with the title Instructor Emeritus, effective July 1, 1973.

President Enarson recommended that the Appointments, Leaves of Absence Without Salary, Emeritus Title, and the personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Safford, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

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November 2, 1973 meeting, Board of Trustees

### III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

#### FIRST QUARTER 1973-74

#### OFFICE OF FISCAL AFFAIRS AND THE TREASURER OF THE UNIVERSITY

	Number of Projects	Level of Support	% Change from 1972-73
<u>Federal</u>			
Student	13	\$1,117,010.00	(56)
Training Grants	<u>19</u>	<u>1,029,064.00</u>	<u>(81)</u>
Total - Federal	32	\$2,146,074.00	(73)
<u>State of Ohio</u>	12	1,304,776.17	1464
<u>Industrial and Other</u>	<u>4</u>	<u>424,314.00</u>	<u>1778</u>
Totals	48	\$3,875,164.17	(51)

#### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

	Number of Projects	Level of Support	% Change from 1972-73
<u>Federal</u>			
U. S. Atomic Energy Com- mission	2	\$ 45,143.00	1136
National Aeronautics and Space Administration	7	141,184.00	(51)
National Science Foundation	15	609,200.00	6
Department of Defense	22	1,003,617.00	25
Health, Education, and Welfare	40	2,637,949.00	(21)
Other Federal	<u>20</u>	<u>922,100.00</u>	<u>(58)</u>
Total - Federal	106	\$5,359,193.00	(25)
<u>State of Ohio</u>	7	226,673.00	(6)
<u>Industrial, Subcontracts/Grants, and Other Non-Federal</u>	<u>68</u>	<u>1,575,357.55</u>	<u>48</u>
Totals	181	\$7,161,223.55	(16)



November 2, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

THE ENGINEERING EXPERIMENT STATION

	Number of Projects	Level of Support	% Change from 1972-73
<u>Federal</u>	8	\$ 81,547.00	(37)
<u>State of Ohio</u>	8	281,074.00	30
<u>Industrial and Other</u>	<u>81</u>	<u>839,577.00</u>	<u>627</u>
Totals	97	\$1,202,198.00	160

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

	Number of Donors	Level of Support	% Change from 1972-73
<u>General Solicitation</u>	<u>7,968</u>	<u>\$ 168,133.17</u>	<u>(15)</u>
<u>Major Resources Group</u>			
Major Individual Gifts	145	\$ 630,412.79	30
Corporate Gifts	127	313,644.86	(9)
Foundation and Non- Profit Organization Gifts	<u>125</u>	<u>295,961.62</u>	<u>(35)</u>
	<u>397</u>	<u>\$1,240,019.27</u>	<u>(4)</u>
Totals	8,365	\$1,408,152.44	(5)

November 2, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

President Enarson recommended that the following contracts and grants negotiated and monies received for the month of September be accepted.

Summary for September 1973

	No. of Projects	Support Level
Office of Fiscal Affairs and the Treasurer of the University	12	\$ 508,082.00
The Ohio State University Research Foundation	38	1,114,140.00
The Engineering Experiment Station	2	89,910.00
(Donors)		
The Ohio State University Development Fund	2,498	658,033.91

A detailed listing of the items in each section is shown on the following pages.

Upon motion of Mr. Safford, seconded by Mr. Harrod, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the report from the Office of Fiscal Affairs and the Treasurer of the University and The Ohio State University Development Fund, including the establishment of a named fund, were approved by unanimous voice vote.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

A. Office of Fiscal Affairs and the Treasurer of the University

1. Federal Contracts/Grants

- a. \$267,000.00 granted by 2750th Air Base Wing - PMA, Special Procurement Branch, Building 2, Area C, Wright-Patterson Air Force Base, Ohio, for support of the graduate education program at Wright-Patterson Air Force Base, under the direction of the Graduate School, effective September 25, 1973. (Contract No. F33600-74-C-0341)
- b. \$93,250.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., for proposal and plan of operation for a Language and Area Center for Slavic and East European Studies, under the direction of the Department of Slavic Languages and Literatures, for the period September 27, 1973 through June 30, 1974. (Grant No. OEG-0-74-0410)
- c. \$47,310.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., for the NDEA Title VI Graduate Fellowship Program, under the direction of the Graduate School, for the period September 21, 1973 through June 30, 1974. (Grant No. OEG-0-74-0432)
- d. \$25,042.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., for Training of Professional Personnel in the Education of the Handicapped, under the direction of the School of Health, Physical Education, and Recreation, Academic Faculty of Exceptional Children, and Department of Psychology. (Grant No. OEG-0-72-4136, Revision No. 3)
- e. \$25,006.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Mental Health, Bethesda, Maryland, for Neocortical and Subcortical Interactions, under the direction of the Department of Psychology, for the period September 1, 1973 through August 31, 1974. (Grant No. 5 K02 MH12747-07)
- f. \$16,711.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Mental Health, Bethesda, Maryland, for Social Work - Corrections, under the direction of the School of Social Work, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 T01 MH08254-11)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

A. Office of Fiscal Affairs and the Treasurer of the University (continued)

1. Federal Contracts/Grants (continued)

- g. \$10,500.00 granted by Small Business Administration, Washington, D. C., to provide management counseling and technical assistance to small business concerns, under the direction of the College of Administrative Science, effective for the 1973 School Year. (Contract No. SBA-1626-PMA-74)
- h. \$7,700.00 granted by Department of the Interior, Bureau of Sport Fisheries and Wildlife, Washington, D. C., for the conduct of research studies on evaluation of strip-mine reclamation for Terrestrial Wildlife Restoration, under the direction of the Department of Zoology, for the period September 17, 1973 through November 15, 1974. (Contract No. 14-16-0008-1119)
- i. \$6,369.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., for the Training of Professional Personnel in the Education of the Handicapped, under the direction of the School of Home Economics. (Grant No. OEG-0-73-6165, Revision No. 1)
- j. \$2,444.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, for Health Professions Student Loan, under the direction of the School of Nursing, for the period July 1, 1973 through June 30, 1974. (I. D. No. G 7 45 0430 15 1)

TOTAL - Federal Contracts/Grants \$501,332.00

2. State of Ohio Contracts/Grants

- a. \$6,000.00 granted by State of Ohio, Department of Health, Columbus, Ohio, for Proposal for Home Services, Dodd Hall Outpatient Department, under the direction of the Department of Physical Medicine, for the period July 1, 1973 through June 30, 1974.
- b. \$750.00 granted by State of Ohio, Department of Economic and Community Development, Columbus, Ohio, to engage in the service of providing general education and of recruiting students for work-study programs, under the direction of the Department of Black Studies, for the period June 25, 1973 through September 15, 1973.

TOTAL - State of Ohio Contracts/Grants \$6,750.00

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

B. The Ohio State University Research Foundation

1. Federal Research Contracts/Grants

- a. \$159,774.00 from U. S. Department of Labor, Manpower Administration, Washington, D. C., for National Longitudinal Studies of Labor Force Behavior, under the direction of the College of Administrative Science, Division of Research, Center for Human Resource Research, for the period July 1, 1972 through June 30, 1974. (Project 3489-A1 - Mod. #4)
- b. \$65,000.00 from National Science Foundation, Washington, D. C., for Electrotransport and Diffusion in Metals, under the direction of the Department of Metallurgical Engineering, for the period September 15, 1973 through September 14, 1975. (Project 3805-A1 - New)
- c. \$63,993.00 from National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, for Millimeter-Wavelengths Propagation Studies, under the direction of the Department of Electrical Engineering, for the period September 17, 1973 through June 16, 1974. (Project 2374 - Sup. #10)
- d. \$54,200.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, for New Chemotherapy of Sickle Cell Disease, under the direction of the Department of Medicine, for the period September 1, 1973 through August 31, 1974. (Project 3537-A2 - Ext. #1)
- e. \$44,400.00 from National Science Foundation, Washington, D. C., for Synthesis and Rearrangement Reactions of Novel Alicyclic Hydrocarbons, under the direction of the Department of Chemistry, for the period September 1, 1972 through August 31, 1974. (Project 3526-A1 - Ltr. Dtd. 8/22/73)
- f. \$43,280.00 additional funds from U. S. Department of Transportation, Federal Highway Administration, Contracts and Procurement Division, Washington, D. C., for Application of Fracture Mechanics for Improved Design of Bituminous Concrete, under the direction of the Department of Civil Engineering. (Project 3736-A1 - Mod. #1)
- g. \$39,589.00 from Department of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, for Memory and Interference in Classical Conditioning, under the direction of the Department of Psychology, for the period September 1, 1973 through August 31, 1974. (Project 1779-J - Ext. #9)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts/Grants (continued)

- h. \$39,336.00 from Department of Health, Education, and Welfare, Public Health Service, Food and Drug Administration, Rockville, Maryland, for Hydrophilic Colloid Interactions in Foods, under the direction of the Department of Food Science and Nutrition, for the period September 1, 1973 through August 31, 1974. (Project 2037-H - Ext. #8)
- i. \$38,100.00 from National Science Foundation, Washington, D. C., for Catalysis by Labile Metal Ions in Mixed Ligand Systems, under the direction of the Department of Chemistry, for the period September 1, 1970 through August 31, 1974. (Project 3101-A1 - Ltr. Dtd. 8/20/73)
- j. \$37,000.00 from Department of the Air Force, Air Force Office of Scientific Research, Arlington, Virginia, for Research on Surface Properties of Metals, under the direction of the Department of Metallurgical Engineering, for the period December 1, 1971 through August 31, 1974. (Project 3360-A1 - Mod. AFOSR-72-2242C)
- k. \$33,477.00 additional funds from Department of the Air Force, Air Force Special Weapons Center (PMRB), Kirtland Air Force Base, New Mexico, for Spectrophone Development for Field Absorption Measurements, under the direction of the Department of Electrical Engineering, ElectroScience Laboratory. (Project 3688-A1 - Mod. #P00002)
- l. \$33,194.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolic, and Digestive Diseases, Bethesda, Maryland, for Polyunsaturated Fatty Acid Interconversions, under the direction of the Department of Physiological Chemistry, for the period September 1, 1973 through August 31, 1974. (Project 2090-H - Ext. #8)
- m. \$29,510.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, for Stereochemical Studies of Adrenergic Drugs, under the direction of the College of Pharmacy, for the period September 1, 1973 through August 31, 1974. (Project 3034-A4 - Ext. #4)

November 2, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts/Grants (continued)

- n. \$27,700.00 from National Science Foundation, Washington, D. C., for Financial Support for a Closed Loop Servo Hydraulic Testing Machine, under the direction of the Department of Metallurgical Engineering, for the period September 1, 1973 through February 28, 1975. (Project 3806-A1 - New)
- o. \$24,241.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, for Brain Tumor Chemotherapy Study, under the direction of the Department of Surgery, for the period September 1, 1969 through August 31, 1974. (Project 2484 - Mod. #9).
- p. \$23,437.00 from National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, for Ultrastructures of Rats Reared Under Hypergravity Compared with Those Reared Under Normal Gravity, under the direction of the Department of Otolaryngology, for the period September 1, 1973 through August 31, 1974. (Project 3799-A1 - New)
- q. \$22,000.00 from Department of the Army, Defense Supply Service, The Pentagon, Washington, D. C., for Evaluation of the Present Understanding of the Hydrogen Embrittlement and Stress Corrosion Cracking of Iron Base Alloys, under the direction of the Department of Metallurgical Engineering, for the period June 20, 1973 through December 31, 1973. (Project 3787-A1 - New)
- r. \$20,000.00 from Department of the Navy, Office of Naval Research, Arlington, Virginia, for Separated Flows, under the direction of the Department of Aeronautical and Astronautical Engineering, for the period September 1, 1971 through August 31, 1974. (Project 3308-A1 - Mod. #1)
- s. \$19,474.00 from National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, for The Direct Combination of Satellite and Gravity Data, under the direction of the Department of Geodetic Science, for the period May 1, 1971 through July 31, 1974. (Project 3210-A1 - Sup. #3)
- t. \$17,200.00 from National Science Foundation, Washington, D. C., for Dust Concentrations in Byrd Core Compared with Climate Over Last 100,000 Years, under the direction of the Institute of Polar Studies, for the period March 1, 1972 through September 30, 1975. (Project 3416-A1 - Amend. #1)

November 2, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts/Grants (continued)

- u. \$16,500.00 from U. S. Civil Service Commission, Denver Regional Training Center, Denver, Colorado, for Contract Training for Department of Labor Training Program, under the direction of the College of Administrative Science, Division of Continuing Education, for the period August 27, 1973 through October 31, 1973. (Project 3800-A1 - New)
- v. \$15,600.00 from U. S. Civil Service Commission, Bureau of Training Management Sciences Training Center, Washington, D. C., for Cost and Price Analysis Course, under the direction of the College of Administrative Science, Division of Continuing Education, for the period August 1, 1973 through April 30, 1974. (Project 3808-A1 - New)
- w. \$14,216.00 from Department of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, for Stimulus Encoding in Human Learning and Retention, under the direction of the Department of Psychology, for the period October 1, 1973 through September 30, 1974. (Project 3334-A3 - Ext. #2)
- x. \$14,100.00 from National Science Foundation, Washington, D. C., for Ice Crater Closure Studies of a Glacier on Deception Island, under the direction of the Institute of Polar Studies and the Department of Civil Engineering, for the period December 1, 1972 through November 30, 1974. (Project 3600-A1 - Ltr. Dtd. 8/20/73)
- y. \$13,787.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, for Control of Differential Gene Action and Morphogenesis, under the direction of the Department of Biochemistry, for the period September 1, 1973 through August 31, 1974. (Project 3307-A3 - Ext. #2)
- z. \$10,000.00 from National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, for Effects of Weightlessness on the Development of the Vestibular Apparatus and Ocular Nystagmus in the Rat, under the direction of the Department of Anatomy, for the period October 1, 1971 through September 30, 1974. (Project 3329-A1 - Mod. #3)



III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts/Grants (continued)

- aa. \$6,966.00 additional funds from Department of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, for Testing of Drug Delivery Systems for Use in Treatment of Narcotic Addiction, under the direction of the College of Pharmacy. (Project 3715-A1 - Mod. #3)
- bb. \$4,000.00 additional funds from Department of the Air Force, Space and Missile System Organization/RSSP, Los Angeles, California, for Electrically Small Antennas for Nose Cone Applications, under the direction of the Department of Electrical Engineering, Electro-Science Laboratory. (Project 3378-A1 - Mod. #P00002)
- cc. \$3,066.00 additional funds from National Aeronautics and Space Administration, Washington, D. C., for Basic Research and Data Analysis for the National Geodetic Satellite Program and for the Earth Surveys Program, under the direction of the Department of Geodetic Science. (Project 2514 - Step Funds)

TOTAL - Federal Research Contracts/Grants \$933,140.00

2. State of Ohio Research Contract/Grant

- a. \$45,300.00 from Ohio Department of Mental Health and Mental Retardation, Division of Management Services, Columbus, Ohio, for Monitoring of Community Concerns and Resources, under the direction of the School of Nursing, for the period July 1, 1973 through June 30, 1974. (Project 3802-A1 - New)

TOTAL - State of Ohio Research Contract/Grant \$45,300.00

3. Industrial, Subcontracts/Grants, and Other Non-Federal Research Contracts/Grants

- a. \$50,000.00 from Model Secondary School for the Deaf, Office of Business Affairs, Washington, D. C., for The Impact of Instructional Environment on the Affect of Deaf Adolescents, under the direction of the Academic Faculty of Curriculum and Foundations, for the period October 1, 1973 through August 31, 1974. (Project 3801-A1 - New)
- b. \$28,480.00 from Modern Language Association of America, Center for Editions of American Authors, New York, New York, for Hawthorne Edition, under the direction of the Department of English, for the period September 1, 1973 through August 31, 1974. (Project 2338-G - Ltr. Dtd. 7/17/73)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

3. Industrial, Subcontracts/Grants, and Other Non-Federal  
Research Contracts/Grants (continued)

- c. \$23,316.00 from Martin Marietta Corporation, Denver, Colorado, for Evaluation of S-194 (L-Rand Radiometer) Flight Data from Sky Lab, under the direction of the Department of Electrical Engineering, ElectroScience Laboratory, for the period July 20, 1973 through April 15, 1974. (Project 3749-A1 - New)
- d. \$10,000.00 additional funds from Union Carbide Corporation, Nuclear Division, Oak Ridge, Tennessee, for Fundamental Study of Spiking in Partial Penetration Electron Beam Welding of Uranium and Refractory Materials, under the direction of the Department of Welding Engineering. (Project 2918-B - Sup. #6)
- e. \$10,000.00 from Rockwell International Corporation, Columbus Aircraft Division, Columbus, Ohio, for Subsonic and Transonic Wind Tunnel Tests of Airfoil Section Having Blowing Flap, under the direction of the Department of Aeronautical and Astronautical Engineering, for the period August 21, 1973 through September 30, 1973. (Project 3796-A1 - New)
- f. \$4,994.00 from American Cancer Society, Ohio Division, Franklin County Unit, Columbus, Ohio, for A New and Rapid Method for the Isolation of Tumor Specific Antigen, under the direction of the Department of Microbiology, for the period August 1, 1973 through August 31, 1974. (Project 3757-A1 - New)
- g. \$4,950.00 from American Cancer Society, Ohio Division, Franklin County Unit, Columbus, Ohio, for Renal Involvement in Extrarenal Malignancies, under the direction of the Department of Pathology, for the period July 1, 1973 through June 30, 1974. (Project 3809-A1 - New)
- h. \$3,960.00 from Dikewood Corporation, University Research Park, Albuquerque, New Mexico, for Determination of Fields External to a Dielectric Waveguide, under the direction of the Department of Electrical Engineering, ElectroScience Laboratory, for the period June 18, 1973 through August 31, 1973. (Project 3719-A1 - New)

TOTAL - Industrial, Subcontracts/Grants, and Other  
Non-Federal Research Contracts/Grants \$135,700.00

November 2, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

C. The Engineering Experiment Station

1. State of Ohio Research Contract

- a. \$72,360.00 from Ohio Department of Transportation, Columbus, Ohio, for Field Performance of Culvert Pipes, under the direction of the Department of Civil Engineering, for the period September 5, 1973 through September 5, 1974. (EES 463)

2. Industrial and Other Research Contract

- a. \$17,550.00 from Keystone Steel and Wire Division, Peoria, Illinois, for Sonic Wire Drawing, under the direction of the Department of Engineering Mechanics, for the period August 20, 1973 through May 19, 1974. (EES 462)

D. The Ohio State University Development Fund

1. Gifts of \$5,000 or More

- a. \$194,178.19 from Estate of C. Howard Stokes, Cleveland, Ohio, to assist with the funding of the University Activities Center.
- b. \$54,516.47 from The Associates of Medicine, Columbus, Ohio, to continue support of the Department of Medicine General Fund.
- c. \$50,250.00 from the Estate of Robert Lazarus, Columbus, Ohio, for the Robert Lazarus Professorship in Population Studies.
- d. \$20,000.00 from ALCOA Foundation, Pittsburgh, Pennsylvania, for the Alcoa Professorship in Chemical Engineering.
- e. \$20,000.00 from United Jewish Fund of Columbus, Ohio, for a Professorship of Hebrew at Ohio State University.
- f. \$16,350.00 from Pfizer, Inc., New York, New York--\$11,350.00 for research in Endocrinology and \$5,000.00 for a research fund in the Department of Surgery.
- g. \$12,000.00 from International Copper Research Association, Inc., New York, New York, for its fellowship fund.
- h. \$10,013.33 from Lowell N. Mays, Bloomfield Hills, Michigan, for the Business Administration Advisory Council Fund.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund (continued)

1. Gifts of \$5,000 or More (continued)

- i. \$10,000.00 from The Porthouse Charitable Trust, Kent, Ohio, given in the names of Cyril R. Porthouse, Roberta Diehl Porthouse, J. David Porthouse, Jacqueline S. Porthouse, and Roberta A. Benich, for support of the University Activities Center.
- j. \$9,450.00 from American Foundation for Pharmaceutical Education, Washington, D. C., for its fellowship fund.
- k. \$8,553.00 from The Charles F. High Foundation, Bucyrus, Ohio, for scholarships.
- l. \$8,000.00 from Foundation for Endowment of a Chair at Ohio State University, Inc., New York, New York, for the Meshulam Riklis Chair in the College of Administrative Science.
- m. \$7,943.45 from Estate of Melvin E. Moffitt, San Antonio, Texas, as an unrestricted gift to the University.
- n. \$7,557.00 from The Grace High Washburn Trust, Bucyrus, Ohio, for its scholarship fund.
- o. \$6,000.00 from Eastman Kodak Company, Rochester, New York, for support of a new research grant in Mechanical Engineering.
- p. \$5,640.00 from Texaco, Inc., New York, New York, for its fellowship in Chemical Engineering.
- q. \$5,500.00 from Armco Foundation, Inc., Chicago, Illinois, for its fellowship in Chemistry.
- r. \$5,000.00 from Chevron Research Company, Richmond, California, for a new research fund in the Department of Chemistry.
- s. \$5,000.00 from General Motors Corporation Research Laboratories, Warren, Michigan, for research in Metallurgical Engineering.

2. Establishment of Named Fund

- a. \$50,000.00 from friends of the College of Medicine for the establishment of the College of Medicine Progress Fund.

College of Medicine Progress Fund

The College of Medicine Progress Fund was established November 2, 1973, by the Board of Trustees of The Ohio State University with funds contributed to The Ohio State University Development Fund by friends of the College of Medicine.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund (continued)

2. Establishment of Named Fund (continued)

a. College of Medicine Progress Fund (continued)

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The income is to be used as directed by the Dean of the College of Medicine to achieve excellence in medical education, medical research, and patient care. The principal may be invaded to the extent of part or all of it for uses as indicated above.

Should the need for this Fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations of the Dean of the College of Medicine or administrative official of the University who is then directly responsible for the College of Medicine.

3. Gifts-in-Kind

a. The Milton Caniff Collection for Research in  
Cinematography, Photography and Journalism

Milton Caniff, distinguished alumnus and internationally known and respected cartoonist, has offered to this University the complete collection of his works, including a unique reference library.

The University is fortunate to have this opportunity to add to its research holdings one of the outstanding collections of this form of graphic art and related materials.

The donor, a native of Hillsboro, Ohio, received the bachelor of arts degree from Ohio State in 1930. The long list of awards and honors earned during his career includes the Distinguished Service Award of Sigma Delta Chi; the Ohioana Career Medal; the National Service Medal and George Washington Honor Medal of the Freedoms Foundation; The Ohio State University Centennial Achievement Award; the presidency and currently the honorary chairmanship of the National Cartoonists Society; and citations from the U. S. Defense Department, Treasury Department, the Air Force Association, the Aerospace Education Council, the Boy Scouts of America, and the YMCA.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund (continued)

3. Gifts-in-Kind (continued)

- a. The Milton Caniff Collection for Research in  
Cinematography, Photography and Journalism (continued)

Although research would be the primary use of this collection, it is Mr. Caniff's intention that it be open and available to the largest possible number of students and others who have interest in his work.

It is recommended that Mr. Caniff's generous offer be accepted, and that the Milton Caniff Collection for Research in Cinematography, Photography and Journalism be established and appropriately housed at The Ohio State University.

- b. On April 3, 1973, Nancy L. and Carley Cramer provided The Ohio State University Development Fund with a letter of intent to make a gift of real and personal property located on the Island of St. Croix, Virgin Islands, to The Ohio State University. Subsequently, representatives from the University inspected the property and had an appraisal report from Raymond L. W. Wright, AIA Registered Architect and Licensed Appraiser, on St. Croix. The property consists of approximately 1.8 acres, three buildings, and all furnishings located on Constitution Hill, Christiansted, St. Croix, Virgin Islands. The appraised value of the property is \$286,000.

The appropriate deed searches have been completed and it is recommended that the Secretary of the Board be authorized to proceed with the acceptance of the Deed of Gift.

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IV. BUSINESS AND ADMINISTRATION

A. Architects or Engineers

1. Derby Hall Improvements - Selection of Architect/Engineer

President Enarson recommended that the engineering firm of Heapy and Associates, Dayton, Ohio, be employed to provide complete engineering services for this project including preliminary plans, basic drawings, working drawings, specifications, estimate of cost, necessary bidding documents, and supervision of construction.

The fee for this service will be negotiated between the engineering firm and the Ohio Department of Public Works. The total estimated project cost for the Derby Hall Improvements project is \$300,000.00.

IV. BUSINESS AND ADMINISTRATION (continued)

A. Architects or Engineers (continued)

1. Derby Hall Improvements - Selection of Architect/Engineer (continued)

Funds for this Architect/Engineer service have been provided from the Utilities and Renovations Appropriation (H. B. 985).

Upon motion of Mr. Shocknessy, seconded by Mr. Harrod, the above recommendation was approved by unanimous roll call vote.

B. Plans and Specifications

At the request of the Vice President for Business and Administration, President Enarson recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

1. University Hospital, Intensive Care Unit Alteration

This project is necessary because the hospital critically requires more intensive care beds. The project will provide 21 new beds and will be located on the fourth floor adjacent to the surgical suite of the existing University Hospital. Existing intensive care beds in the hospital will remain.

Funds are budgeted in Budget Account 801279 (Hospital Rotary).

2. Agricultural Technical Institute, Wooster, Ohio--  
Street and Parking Lot Lighting

This project will provide roadway and parking lot lighting to improve traffic and pedestrian safety.

Funds are budgeted in Budget Account 024001 (Agricultural Technical Institute) H. B. 985.

Upon motion of Mr. Safford, seconded by Mr. Dunlap, the above recommendation was approved by unanimous roll call vote and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. The Vice President for Business and Administration was directed to proceed with a request for bids in the normal University manner, and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

IV. BUSINESS AND ADMINISTRATION (continued)

C. Report of Award of Contracts

In accordance with authorization provided by the Board of Trustees, bids were taken on the project listed below and the contract was recommended for award. The action reported to the Board was as follows:

1. Law Building Library, Relighting

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electric Contract</u> (9 bids received 10-19-73)		
Electric Power Equipment Co. (Columbus)	\$6,869.00	\$24,600.00

Funds for this project have been provided in Budget Account 125064 (Contract Repair).

Upon motion of Mr. Safford, seconded by Mr. Dunlap, the above award of contracts and expenditure of funds were approved and the action of the Vice President for Business and Administration was ratified by unanimous roll call vote.

D. Other Action

1. Easement (Underground) Columbus and Southern Ohio Electric Company - University Airport

The Columbus and Southern Ohio Electric Company has requested an easement for the installation of an electric service at the University Airport. The electric service will provide power to operate the ground approach lighting system to be installed by the Federal Aviation Administration. The easement is to be granted at no cost to the University.

President Enarson recommended that the electric service easement be granted to the Columbus and Southern Ohio Electric Company. It was further recommended that the President and/or the Vice President for Business and Administration be authorized to request the Director of Public Works, pursuant to his statutory duties, to act on behalf of the University in developing the necessary legal instruments to provide the easement.

Upon motion of Mr. Harrod, seconded by Mr. Safford, the above recommendations were approved by unanimous roll call vote.



IV. BUSINESS AND ADMINISTRATION (continued)

E. Report of Controlling Board Actions Pertaining to The Ohio State University

- 1 Approves the release of \$303,388.00 from H. B. 985, Item 366-001, for the project known as "Agricultural Technical Institute" at Wooster, Ohio, for equipment and final architect fees for Building I of a new center for technical education in agriculture.
- 2 Approves the release of \$442,004.00 from H. B. 985, Item 315-067, for the project known as "University College Phase III," (Building No. 13), for equipment, final architect fees, and awarding change orders made necessary by change in program requirements.
- 3 Approves the release of \$15,886.00 from H. B. 985, Item 315-071, for the project known as "College of Optometry, Clinical Facility," for planning money.
- 4 Approves the release of \$242,660.00 for the project known as "Journalism Building Expansion," for equipment and architect fees, from H. B. 985, Item 315-064.
- 5 Approves the release of \$160,109.00 from H. B. 985, Item 315-085, for the project known as "Newark Campus, Phase II," for planning funds and loose equipment.
- 6 Approves the release of \$62,899.00 from H. B. 985, Item 315-074, for the projects known as, "Electrical Trunk Lines," - \$57,905.00, to supply power to new buildings and additional power to existing buildings, and meeting general increasing power demands on campus; "Agricultural Administration, School of Natural Resources," - \$4,936.00, for the release of planning funds; "Renovation of Stillman Hall," - \$58.00, this request is for the release of remaining contingency funds.
- 7 Approves the release of \$288,549.00 from H. B. 985, Item 315-078, for the project known as "University Hall Complex," for necessary change orders and loose equipment.
- 9 Approves the release of \$45,000.00 from H. B. 985, Item 315-074, for the project known as "Agricultural Administration Building, School of Natural Resources," to award the contracts for general; heating, ventilating, and air conditioning; and electrical work.

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November 2, 1973 meeting, Board of Trustees

V. REPORTS

A. Report on the University's Investment Portfolio

The report dated October 26, 1973, as submitted to the Finance Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

B. America's Leading Professional Schools

President Enarson distributed to the members of the Board copies of a recent report which appeared in the magazine, Change. This study undertaken by a Columbia faculty member purports to rate the various professional schools around the country. Ohio State was ranked fifth in Education, second in Pharmacy, third in Optometry, and fifth in Veterinary Medicine in this study.

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Thereupon the Board adjourned to meet Friday, December 7, 1973, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

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Edward Q. Moulton  
Secretary

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Don M. Hilliker  
Chairman

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND NINETY-SECOND MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, December 7, 1973

The Board of Trustees met at its regular monthly meeting on Friday, December 7, 1973, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Don M. Hilliker, Chairman, James W. Shocknessy, John H. Dunlap, John L. Gushman, Howard D. Sirak, Patricia D. James, and Chester Devenow.

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Minutes of the last meeting were approved.

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December 7, 1973 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM

President Enarson reported to the Board the deaths of Eugene Van Cleef, Professor Emeritus in the Department of Geography, and Louis Edmond Vandegrift, Professor Emeritus in the Department of Civil Engineering. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Eugene Van Cleef

The Board of Trustees of The Ohio State University expresses its sorrow at the death of Eugene Van Cleef, Professor Emeritus in the Department of Geography, on November 7, 1973.

Dr. Van Cleef was born January 17, 1887, in Chicago, Illinois. He obtained a S.B. degree from the University of Chicago in 1908 after which he was employed with Rand McNally and Company until 1911. His service as an Instructor in Geography at the State Teachers College, Duluth, Minnesota, from 1911 to 1918 was interrupted by a year of graduate study at the University of Leipzig. He obtained the Ph.D. degree from Clark University in 1926.

In 1921 Dr. Van Cleef joined the faculty of The Ohio State University where he served a long and distinguished career, retiring in 1957. During his tenure he compiled an impressive bibliography reflecting his interests in climatology, business and foreign trade, and urban geography and planning. Included was the first American text in Urban Geography entitled Trade Centers and Trade Routes.

Throughout his academic career, Dr. Van Cleef earned and enjoyed the admiration and respect of a large number of businessmen and officials in state and local government. He founded the International Trade Committee of the Columbus Area Chamber of Commerce and served on the Columbus, Franklin County, and Upper Arlington Planning Commissions. Such responsibilities reflected his concern with the application of his discipline to urban planning and development.

On behalf of the University community, the Board of Trustees expresses to the brother of Dr. Van Cleef its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to his brother as a sincere expression of sympathy and respect.

B. Louis Edmond Vandegrift

The Board of Trustees of The Ohio State University expresses its sorrow at the death of Louis E. Vandegrift, Professor Emeritus in the Department of Civil Engineering, on November 7, 1973.

RESOLUTIONS IN MEMORIAM (continued)

B. Louis Edmond Vandegrift (continued)

Professor Vandegrift was born February 10, 1893, in Hollywood, West Virginia, but moved to Columbus at an early age. Although family circumstances prevented completion of formal secondary education, independent study enabled him to gain admission to The Ohio State University from which he received the B.S. degree in 1920. Between 1909 and 1916, he had worked for a sheet metal company and for the Norfolk and Western Railroad. He also served in the infantry during the First World War.

Following graduation from The Ohio State University, Professor Vandegrift was for a number of years self-employed as a building contractor. In 1928, he became a field engineer with the City of Columbus, supervising construction of various bridges, buildings, and waterworks, including the O'Shaughnessy Dam. From 1936 to 1940, he worked for a heavy construction firm and as a supervisor in the Public Works Administration.

Between the years 1940 and 1946, he served as Research Engineer for the Bureau of Bridges, Ohio Department of Highways, and obtained the M.S. and C.E. degrees from The Ohio State University where he also taught part time as Assistant Professor of Mechanics. From 1946 to 1948, he was Associate Professor of Civil Engineering at Wayne State University and in 1948 became Professor of Civil Engineering and Research Professor of Structural Engineering at The Ohio State University, positions he held until his retirement in 1960.

Professor Vandegrift was a member of the American Society of Civil Engineers, American Concrete Institute, American Railway Engineers Association, and American Society for Engineering Education, as well as of the honoraries Tau Beta Pi, Chi Epsilon, Pi Mu Epsilon, Sigma Xi, and Triangle Fraternity. He was the author of several bulletins of the Engineering Experiment Station and served as consultant on a number of complex structures and storage elevators. Following retirement from the University, he again served the City of Columbus in a supervising capacity.

This modest self-made man, possessed of unusual idealism, ability, and personality, was greatly esteemed and respected by his associates and students for his intimate knowledge of engineering practice and his thorough understanding of theory and engineering principles.

On behalf of the University community, the Board of Trustees expresses to the family of Professor Vandegrift its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to Mrs. Vandegrift and her daughter as a sincere expression of sympathy and respect.

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December 7, 1973 meeting, Board of Trustees

President Enarson presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Revision of Rules 27.0701 and 27.0703 of Rules for the University Faculty

The University Senate by an action on November 13, 1973, approved a revision of the Rules for the University Faculty pertaining to the representation and election of the members on the Graduate Council. The specific nature of this proposed revision is presented on the accompanying page. (See page 257.)

President Enarson recommended that this revision in the Rules for the University Faculty as approved by the University Senate be approved by the Board of Trustees, effective immediately.

Upon motion of Mr. Dunlap, seconded by Mr. Shocknessy, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

B. Establishment of a Program in Black Studies  
Leading to Master of Arts Degree

The Curriculum Committee of the College of Humanities, the Executive Committee of the Graduate School, the Graduate Council, the Council on Academic Affairs, and the University Senate at its meeting November 13, 1973, have approved a program leading to the Master of Arts in Black Studies and recommended it for adoption by this Board, with the program to be effective upon approval of this Board and the Ohio Board of Regents.

This Master of Arts program is conceived as an extension of the academic work previously established by the Black Studies Department at the undergraduate level. Students enrolled for the Master of Arts program may specialize in Afro-American and African Literature, Afro-American and African Politics, Philosophy in the Black World, Black Community Development, and Afro-American and African History. The Black Studies Library has become a major distribution center for the 21,500 titles available for circulation. The Master of Arts program will be unique in Ohio since no other universities in Ohio offer comprehensive programs in this area.

President Enarson recommended that the proposal of the University Senate be adopted, and pursuant to Section 3333.04 of the Revised Code of Ohio, with the approval of the Board of Trustees, the proposal be forwarded to the Ohio Board of Regents for approval.

Upon motion of Mr. Devenow, seconded by Mrs. James and Mr. Shocknessy, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

Revision of Rules 27.0701 and 27.0703 of Rules for the University Faculty

On November 13, 1973, the University Senate approved changes in Rules 27.0701 and 27.0703 of Rules for the University Faculty. The text of each Rule as modified is as follows:

27.0701 (Section c, paragraph 2). Membership.

Service as an alternate does not make the alternate ineligible for election to membership in the Council the following year.

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27.0703 (Section 2, paragraph 2). Elections.

There shall be a Graduate Council Nominating Committee in each area, consisting of the retiring member of the Graduate Council representing that area, as chairman, and as members the continuing members representing that area and the chairman of the graduate committee for each Department in that area or, in the absence of a graduate committee, the Department Chairman or his designee. The committee shall make a minimum of four nominations, including nominations received by petition from any six or more members of the Graduate Faculty of the area concerned. The area nominating committee shall prepare and mail the election ballot to each member of its graduate faculty. The election ballots shall be counted by that committee. The person or persons receiving the highest number of votes shall be elected to the vacancy or vacancies existing at the time of election. The person receiving the next highest number of votes shall be an alternate member for a term of two years.

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December 7, 1973 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Establishment of a Department of Statistics

Upon the recommendation of the College of Mathematics and Physical Sciences and the Council on Academic Affairs, the University Senate on November 13, 1973, approved departmental status for the Division of Statistics, effective July 1, 1974.

The Division of Statistics was established in 1969 to provide a program for those who wish to specialize in this area at the undergraduate and graduate levels, as well as to provide consultation service on statistical problems to all disciplines and to support research on this subject.

At the present time programs are available which lead to a Bachelor of Science, Master of Science, and Doctor of Philosophy degrees. During the four quarters, Summer 1971 through Spring 1972, the Division taught 1,923 students with 9,059 credit hours.

President Enarson recommended that a Department of Statistics be established, effective July 1, 1974, in accordance with the University Senate's recommendation.

Upon motion of Mr. Gushman, seconded by Mr. Dunlap, the Board of Trustees approved the above recommendation by unanimous voice vote.

D. Adoption of an Official Shield for the School of Allied Medical Professions

The administration, faculty, and students of the School of Allied Medical Professions of the College of Medicine have accepted a shield for the School of Allied Medical Professions. It is the intention of the personnel of the School to wear this shield on their coats in a manner similar to that of faculty, staff members, and students of the College of Medicine, University Hospital, and School of Nursing.

President Enarson recommended that the Board of Trustees approve the proposed shield as submitted by the Vice President for Medical Affairs, and further that the original copy of such shield be filed with the official records of the Board of Trustees.

Upon motion of Mr. Dunlap, seconded by Mr. Gushman, the Board of Trustees approved the above recommendation by unanimous voice vote.

E. Degrees and Certificates Conferred--Autumn Quarter Commencement

President Enarson recommended that degrees and certificates be conferred at the Autumn Quarter Commencement Convocation on December 14, 1973, to those students who have completed the requirements for their respective degrees and certificates and are recommended by the University Senate. The names of those awarded degrees and certificates will be included in the minutes of this meeting. (See Appendix II, page 289.)

Upon motion of Mr. Shocknessy, seconded by Mr. Devenow, the Board of Trustees approved the above recommendation by unanimous voice vote.



December 7, 1973 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

F. Renaming of "Royer Commons"

At the request of the Vice President for Student Services, acting upon a request from the Office of Residence and Dining Halls, President Enarson recommended that the building now identified as "Royer Commons" (by action of the Board of Trustees on April 6, 1966), be renamed "Royer Student Activities Center."

This building is currently being used by North Campus Residence Hall students as a student activities center.

This proposal is in accordance with the Bylaws of the Board of Trustees.

Upon motion of Mr. Devenow, seconded by Mrs. James, the Board of Trustees by unanimous voice vote approved the foregoing recommendation to rename the building located at 85 Curl Drive as "Royer Student Activities Center."

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II. PERSONNEL ACTIONS

Personnel actions since the November 2, 1973 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Appointments, Leaves of Absence Without Salary, and Emeritus Titles:

A. Appointments

John W. Shumaker from Associate Professor in the Department of Classics to Associate Dean of the College of Humanities, effective January 1, 1974, at a salary of \$18,528.00 per annum. He will continue as Associate Professor in the Department of Classics at No Salary.

Robert Earl Roth from Associate Professor in the School of Natural Resources and Associate Director for Environmental Education project through The Ohio State University Research Foundation to Associate Professor and Chairman of the Division of Environmental Education in the School of Natural Resources, effective January 1, 1974. Dr. Roth will continue on the Environmental Education project (part time - 30 per cent), at a total salary of \$20,448.00 per annum.

Thomas G. Skillman from Professor in the Department of Medicine to Professor (Endocrinology Chair in the College of Medicine), effective January 1, 1974, at a salary of \$37,008.00 per annum.

December 7, 1973 meeting, Board of Trustees

II. PERSONNEL ACTIONS (continued)

B. Leaves of Absence Without Salary

Robert H. Bremner, Professor, Department of History, effective July 1, 1974 through September 30, 1974, to continue work under the National Endowment for the Humanities grant.

Raphael D. Levine, Professor, Department of Chemistry, effective October 1, 1973 through December 31, 1973, to continue work at the Hebrew University in Jerusalem.

Harold B. Pepinsky, Professor, Department of Psychology, effective January 1, 1974 through March 31, 1974, to consult with the Provost and Faculty of Omega College, University of West Florida, on curricular plans; to serve as Visiting Distinguished Professor of Psychology at Louisiana State University; and to continue with research and writing projects.

C. Emeritus Titles

Julia L. Marine, Colleges of the Arts and Sciences, with the title Assistant Dean Emeritus, effective January 1, 1974.

Evelyn P. Gordon, School of Allied Medical Professions, with the title Instructor Emeritus, effective August 1, 1973.

President Enarson recommended that the Appointments, Leaves of Absence Without Salary, Emeritus Titles, and the personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Dunlap, seconded by Mr. Gushman, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

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III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

President Enarson recommended that the following contracts and grants negotiated and monies received for the month of October be accepted.

Summary for October 1973

	No. of Projects	Support Level
Office of Fiscal Affairs and the Treasurer of the University	10	\$ 293,017.00
The Ohio State University Research Foundation	45	1,749,298.03
The Engineering Experiment Station	8	320,482.00
(Donors)		
The Ohio State University Development Fund	3,270	400,405.56

A detailed listing of the items in each section is shown on the following pages.

Upon motion of Mr. Devenow, seconded by Mrs. James, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the report from the Office of Fiscal Affairs and the Treasurer of the University and The Ohio State University Development Fund, including the establishment of named funds, were approved by unanimous voice vote.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

A. Office of Fiscal Affairs and the Treasurer of the University

1. Federal Contracts/Grants

- a. \$56,164.00 additional grant from Department of Health, Education, and Welfare, Public Health Service, Bureau of Health Resources Development, Bethesda, Maryland, for the counseling, referral, job development and education placement activities in Ohio, under the direction of the College of Medicine, for the period September 30, 1973 through September 30, 1974. (Contract No. N01-AH-24026, Modification No. 3)
- b. \$38,386.00 granted by National Science Foundation, Washington, D. C., for 1974 Summer Institute in Mathematics for Secondary School Teachers, under the direction of the Department of Mathematics. This grant expires September 30, 1974. (Grant GW-7709, Amendment No. 1, Proposal No. 4/00092)
- c. \$24,640.00 additional grant from Department of Health, Education, and Welfare, Office of Education, Washington, D. C., for Abstracts of Instructional Materials (AIM) and Abstracts of Research Materials (ARM) on Vocational and Technical Education, under the direction of the Center for Vocational-Technical Education, for the period February 1, 1973 through February 28, 1974. (Grant No. OEG-0-73-3016)
- d. \$22,968.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institute of General Medical Sciences, Bethesda, Maryland, for Chromosome: Regulation, Organization and Function, Development Award - Research Career Program, under the direction of the Department of Microbiology, for the period January 1, 1974 through December 31, 1974. (Grant No. 5 K04 GM70300-02)
- e. \$10,943.00 additional grant from Defense Civil Preparedness Agency, Region Four - Federal Center, Battle Creek, Michigan, for Conducting Four Regional and State, Local On-Site Assistance Surveys to Determine State and Local Training Requirements, under the direction of the Division of Continuing Education, to be completed on or before December 31, 1973. (Contract No. DAHC20-73-C-0211, Modification No. P026-2)

TOTAL - Federal Contracts/Grants \$153,136.00

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

A. Office of Fiscal Affairs and the Treasurer of the University (continued)

2. State of Ohio Contracts/Grants

- a. \$86,000.00 granted by Ohio Department of Mental Health and Mental Retardation, Division of Mental Retardation and Developmental Disabilities, Columbus, Ohio, for the purpose of creating a manpower pool in Ohio of knowledgeable local personnel in a variety of service settings, under the direction of the Nisonger Center for Mental Retardation, for the period September 25, 1973 through July 20, 1974.
- b. \$919.00 granted by State Department of Education, Division of Vocational Education, Columbus, Ohio, for Professional Education Competency of Three Different Groups of Vocational Agriculture Teachers in Ohio, under the direction of the Department of Agricultural Education, for the period July 1, 1973 through June 30, 1974.

TOTAL - State of Ohio Contracts/Grants \$86,919.00

3. Industrial and Other Contracts/Grants

- a. \$20,000.00 granted by University of Puerto Rico, Rio Piedras, Puerto Rico, for faculty and non-credit instruction in social work at the post M.S.W. level for residents of Puerto Rico on the campus of the Catholic University, Ponce, under the direction of the School of Social Work, for the period October 21, 1973 through June 15, 1975.
- b. \$18,848.00 granted by Columbus Metropolitan Area Community Action Organization, Columbus, Ohio, for support of the New Careers Program, under the direction of the College of Administrative Science, for the period September 1, 1973 through June 14, 1974. (Contract No. 6)
- c. \$14,114.00 granted by Columbus Metropolitan Area Community Action Organization, Columbus, Ohio, for support of the New Careers Program, under the direction of the School of Social Work, for the period September 1, 1973 through June 14, 1974. (Contract No. 5)

TOTAL - Industrial and Other Contracts/Grants \$52,962.00

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation

1. Federal Research Contracts/Grants

- a. \$261,961.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, for General Clinical Research Center - 10 Beds, under the direction of the Department of Medicine, for the period October 1, 1973 through September 30, 1974. (Project 1196-2N - Ext. #13)
- b. \$95,500.00 from National Science Foundation, Washington, D. C., for Fluid Mechanics Problems in Arterial Disease, under the direction of the Department of Aeronautical and Astronautical Engineering, for the period October 1, 1971 through September 30, 1975. (Project 3331-A1 - Ltr. Dtd. 10/16/73)
- c. \$95,241.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Division of Nursing, Bethesda, Maryland, for Research Development Program, under the direction of the School of Nursing, for the period October 1, 1973 through September 30, 1974. (Project 2927-D - Ext. #4)
- d. \$67,963.03 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Library of Medicine, Bethesda, Maryland, for Participation in the Biomedical Data Network (BDN), under the direction of the College of Medicine, for the period June 28, 1972 through October 31, 1974. (Project 3497-A1 - Mod. #2)
- e. \$62,200.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, for Highly Strained Nitrogen Heterocyclics, under the direction of the Department of Chemistry, for the period October 1, 1973 through September 30, 1974. (Project 1640-K - Ext. #10)
- f. \$61,534.00 additional funds from National Aeronautics and Space Administration, Washington, D. C., for Basic Research and Data Analysis for the Geodetic Satellite Program and for the Earth Surveys Program, under the direction of the Department of Geodetic Science. (Project 2514 - Step Funds)
- g. \$61,400.00 from National Science Foundation, Washington, D. C., for Collaborative Research on the Foreign Events of Nations, under the direction of the Mershon Center for Education in National Security, for the period October 1, 1973 through September 30, 1975. (Project 3822-A1 - New)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts/Grants (continued)

- h. \$54,017.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, for Comparative Studies in Perinatal Toxicology, under the direction of the Department of Veterinary Physiology and Pharmacology, for the period October 1, 1973 through September 30, 1974. (Project 2962-D - Ext. #4)
- i. \$52,345.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, for Biophysical Mechanisms of Cardiac Membrane Responses, under the direction of the Department of Pharmacology, for the period September 1, 1973 through August 31, 1974. (Project 2085-H - Ext. #8)
- j. \$50,000.00 from Department of the Navy, Office of Naval Research, Arlington, Virginia, for Exploratory Development Studies Computational Techniques for Satellite Antenna and Antenna Systems, under the direction of the Department of Electrical Engineering, ElectroScience Laboratory, for the period July 1, 1972 through June 30, 1974. (Project 3468-A1 - Mod. #01)
- k. \$50,000.00 from Department of the Air Force, Air Force Office of Scientific Research, Arlington, Virginia, for Information Processing for Target Detection and Classification, under the direction of the Department of Electrical Engineering, ElectroScience Laboratory, for the period January 1, 1974 through December 31, 1974. (Project 3815-A1 - New)
- l. \$50,000.00 from National Science Foundation, Washington, D. C., for Spectroelectrochemistry and Related Electron Transfer Studies, under the direction of the Department of Chemistry, for the period October 1, 1973 through September 30, 1974. (Project 3817-A1 - New)
- m. \$45,800.00 from National Science Foundation, Washington, D. C., for Improved Design Techniques for Low Noise Corrugated Horn Antennas, under the direction of the Department of Electrical Engineering, ElectroScience Laboratory, for the period September 15, 1973 through September 14, 1975. (Project 3821-A1 - New)
- n. \$44,600.00 from National Science Foundation, Washington, D. C., for Chemistry of Bent Bonds, under the direction of the Department of Chemistry, for the period October 1, 1971 through September 30, 1974. (Project 3313-A1 - Ltr. Dtd. 9/28/73)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts/Grants (continued)

- o. \$38,506.00 from National Aeronautics and Space Administration, Washington, D. C., for Proposed Activity Related to Earth and Ocean Physics Applications Program (EOPAP), under the direction of the Department of Geodetic Science, for the period October 1, 1973 through September 30, 1975. (Project 3820-A1 - New)
- p. \$32,768.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, for Aberrant Gene Expression During Chemotherapy, under the direction of the Department of Physiological Chemistry, for the period October 1, 1973 through September 30, 1974. (Project 3546-A2 - Ext. #1)
- q. \$32,036.00 from National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, for Recovery Temperature Investigation for Viking Entry Probe, under the direction of the Department of Aeronautical and Astronautical Engineering, for the period September 28, 1973 through March 27, 1974. (Project 3811-A1 - New)
- r. \$22,480.00 from Department of Labor, Manpower Administration, Office of Research and Development, Washington, D. C., for A Disaggregate Study of the Effects of Unemployment Rates on Labor Study, under the direction of the Department of Economics, for the period October 1, 1973 through September 30, 1974. (Project 3813-A1 - New)
- s. \$20,624.00 additional funds from Department of the Army, Huntington District, Corps of Engineers, Huntington, West Virginia, for Environmental Analysis of Central Ohio, under the direction of the College of Biological Sciences, Ohio Biological Survey. (Project 3492-A1 - Ltr. Dtd. 9/28/73)
- t. \$20,205.00 from Department of the Air Force, Office of Scientific Research, Arlington, Virginia, for Synthesis and Properties of Rotaxane Compounds, under the direction of the Department of Chemistry, for the period February 1, 1972 through September 30, 1974. (Project 3377-A1 - Mod. #AFOSR-72-2237B)
- u. \$17,800.00 from National Science Foundation, Washington, D. C., for Surface Buckling on Meserve Glacier and Adjacent Glaciers, Wright Valley, Antarctica, under the direction of the Institute of Polar Studies, for the period May 15, 1971 through August 31, 1974. (Project 3219-A1 - Ed. #4)



III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts/Grants (continued)

- v. \$17,140.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Office of the Director, Research Contracts Branch, Bethesda, Maryland, for Presentation of Instructional Course Entitled Program Officials Guide to Contracting, under the direction of the College of Administrative Science, Division of Continuing Education, for the period September 10, 1973 through June 30, 1974. (Project 3804-A1 - New)
- w. \$16,100.00 from National Science Foundation, Washington, D. C., for Multi-User Information Channels, under the direction of the Department of Mathematics, for the period October 1, 1973 through September 30, 1975. (Project 3823-A1 - New)
- x. \$14,250.00 from Department of Health, Education, and Welfare, Public Health Service, Food and Drug Administration, Rockville, Maryland, for Conduct Training Course Entitled: "Program Officials Guide to Contracting," under the direction of the College of Administrative Science, Division of Continuing Education, for the period October 1, 1973 through March 29, 1974. (Project 3814-A1 - New)
- y. \$12,570.00 from Department of Health, Education, and Welfare, Office of the Secretary, Procurements and Contracts, Washington, D. C., for National Conference on the Legal Rights of Mentally Retarded Citizens for the President's Committee on Mental Retardation, under the direction of the College of Law, for the period February 7, 1973 through December 31, 1973. (Project 3630-A1 - Mod. #2)
- z. \$10,000.00 from Department of the Navy, Office of Naval Research, Arlington, Virginia, for Nuclear Magnetic Resonance, under the direction of the Department of Chemistry, for the period July 1, 1973 through December 31, 1973. (Project 3803-A1 - New)
- aa. \$9,990.00 from National Endowment for the Arts, Washington, D. C., for Student Artist in Residence, under the direction of the College of The Arts, Division of Art Education, for the period September 27, 1973 through June 9, 1974. (Project 3816-A1 - New)
- bb. \$6,108.00 from U. S. Postal Service, Support Group, Washington, D. C., for Development of Optimum Transportation System by Modes: Phase I, under the direction of Academic Faculty of Marketing, for the period July 12, 1973 through October 31, 1973. (Project 3748-A1 - Mod. Dtd. 10/19/73)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts/Grants (continued)

- cc. \$4,376.00 additional funds from Department of the Army, Huntington District, Corps of Engineers, Huntington, West Virginia, for Environmental Analysis of Central Ohio, under the direction of the College of Biological Sciences, Ohio Biological Survey. (Project 3492-C1 - Ltr. Dtd. 9/28/73)
- dd. \$500.00 additional funds from Department of the Interior, National Park Service, Northeast Region Office, Philadelphia, Pennsylvania, for Natural Landmark Evaluation Reports, under the direction of the Department of Zoology. (Project 3437-A1 - Amend. #1)

TOTAL - Federal Research Contracts/Grants \$1,328,014.03

2. Industrial, Subcontracts/Grants, and Other Non-Federal Research Contracts/Grants

- a. \$85,160.00 additional funds from State of Ohio, Ohio Industrial Relations Department, Columbus, Ohio, for Studying, Evaluating, and Developing a State of Ohio Plan for Occupational Safety and Health Act (1970), under the direction of the College of Administrative Science, Division of Continuing Education. (Project 3439-A1 - Amend. #2)
- b. \$70,000.00 from Columbus/Franklin County Criminal Justice Coordinating Council, Columbus, Ohio, for Halfway House Evaluation Project, under the direction of the College of Administrative Science, Division of Public Administration, for the period October 1, 1973 through September 30, 1974. (Project 3810-A1 - New)
- c. \$65,554.00 from Department of Mental Health and Mental Retardation, Division of Administration on Aging, Columbus, Ohio, for Homebound Dental Care, under the direction of the College of Dentistry, for the period October 1, 1973 through September 30, 1974. (Project 3542-A2 - Ext. #1)
- d. \$52,508.00 from State of Ohio, Department of Health, Columbus, Ohio, for Family Planning Clinic, under the direction of the Department of Obstetrics and Gynecology, for the period April 1, 1973 through December 31, 1973. (Project 3510-A2 - Ext. #1)
- e. \$27,000.00 from State of Ohio, Department of Health, Columbus, Ohio, for Newborn Care, under the direction of the Department of Pediatrics, for the period July 1, 1973 through December 31, 1973. (Project 2052-H - Ext. #8)

December 7, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

2. Industrial, Subcontract/Grants, and Other Non-Federal  
Research Contracts/Grants (continued)

- f. \$24,000.00 from Abbott Laboratories, North Chicago, Illinois, for Chemistry of Mold Metabolites, under the direction of the College of Pharmacy, for the period September 1, 1973 through August 31, 1974. (Project 3819-A1 - New)
- g. \$20,780.00 from State of Ohio, Department of Health, Columbus, Ohio, for Family Planning - Infertility Clinic, under the direction of the Department of Obstetrics and Gynecology, for the period April 1, 1973 through December 31, 1973. (Project 3509-A2 - Ext. #1)
- h. \$19,620.00 from Philips Roxane Laboratories, Inc. (Subsidiary of North American Roxane), Columbus, Ohio, for Comparative Bioavailability of Digoxin Products, under the direction of the College of Pharmacy, for the period September 1, 1973 through August 31, 1974. (Project 3812-A1 - New)
- i. \$13,504.00 from City of New York, Health Services Administration, New York, New York, for Synthesis and Pharmacological Evaluation of Potential Narcotic Antagonists, under the direction of the College of Pharmacy, for the period April 1, 1973 through March 31, 1974. (Project 3655-A1 - New)
- j. \$13,119.00 from Ohio Department of Rehabilitation and Corrections, Columbus, Ohio, for Evaluation of Community Reintegration Centers - Phase II, under the direction of the College of Administrative Science, Division of Public Administration, for the period July 1, 1973 through June 30, 1974. (Project 3827-A1 - New)
- k. \$11,550.00 from American Heart Association, Inc., New York, New York, for Studies on the Distribution of Renal Blood Flow, under the direction of the Department of Medicine, for the period October 1, 1973 through September 30, 1974. (Project 3772-A1 - New)
- l. \$9,333.00 from Columbus/Franklin County Criminal Justice Coordinating Council, Columbus, Ohio, for Halfway House Evaluation Project, under the direction of the College of Administrative Science, Division of Public Administration, for the period October 1, 1973 through September 30, 1974. (Project 3810-B1 - New)
- m. \$5,000.00 from Charles F. Kettering Foundation, Dayton, Ohio, for Interim Feedback Surveys of International Involvement in Findlay, Ohio, under the direction of the Mershon Center for Education in National Security, for the period September 1, 1973 through August 31, 1974. (Project 3818-A1 - New)

December 7, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

2. Industrial, Subcontracts/Grants, and Other Non-Federal  
Research Contracts/Grants (continued)

- n. \$3,100.00 additional funds from American Iron and Steel Institute, New York, New York, for Substitute Fluxes for the BOF, under the direction of the Department of Metallurgical Engineering. (Project 3732-A1 - Ltr. Dtd. 10/1/73)
- o. \$1,056.00 from Adult Probation Department, Franklin County Court of Common Pleas, Columbus, Ohio, for Evaluation of Volunteers in Probation Project, under the direction of the College of Administrative Science, Division of Public Administration, for the period October 1, 1973 through April 30, 1974. (Project 3825-A1 - New)

TOTAL - Industrial, Subcontracts/Grants, and Other  
Non-Federal Research Contracts/Grants \$421,284.00

C. The Engineering Experiment Station

1. State of Ohio Research Contracts

- a. \$127,277.00 from Ohio Department of Industrial Relations, Columbus, Ohio, for Technical Assistance to the Board of Building Standards on Revision of the Ohio Building Code, under the direction of the Department of Civil Engineering, for the period September 17, 1973 through December 16, 1973. (EES 467)
- b. \$57,000.00 from Ohio Department of Transportation, Columbus, Ohio, for Signal Progression on Routes in Suburban-to-Rural Areas, under the direction of the Department of Civil Engineering, for the period October 1, 1973 through September 30, 1974. (EES 471)
- c. \$28,000.00 from Ohio Department of Transportation, Columbus, Ohio, for Development of Guidelines for the Application of Continuous Two-Way Left-Turn Median Lanes, under the direction of the Department of Civil Engineering, for the period October 2, 1973 through October 1, 1974. (EES 470)
- d. \$5,000.00 from Ohio Department of Natural Resources, Columbus, Ohio, for A Study to Demonstrate Applications of Small-Format Aerial Photography, under the direction of the Department of Civil Engineering, for the period October 12, 1973 through October 11, 1974. (EES 469)

TOTAL - State of Ohio Research Contracts \$217,277.00

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

C. The Engineering Experiment Station (continued)

2. Industrial and Other Research Contracts

- a. \$50,000.00 from The Ohio State University, Columbus, Ohio, for Study of Energy Conservation for University Buildings, under the direction of the Department of Mechanical Engineering, for the period October 11, 1973 through October 10, 1974. (EES 468)
- b. \$25,979.00 from Lilliston Corporation, Albany, Georgia, for Application of Sonic Power in Agriculture, under the direction of the Department of Engineering Mechanics, for the period September 24, 1973 through September 23, 1974. (EES 464)
- c. \$18,000.00 from American Gas Association, Arlington, Virginia, for An Experimental and Analytical Study of the Influence of Sound on the Products of Combustion, Flame Control, and the Sound Power of the Combustion Process, under the direction of the Department of Mechanical Engineering, for the period October 1, 1973 through September 30, 1974. (EES 466)
- d. \$9,226.00 from Whirlpool Corporation, Benton Harbor, Michigan, for Investigation of Ultrasonic Deep Drawing, under the direction of the Department of Engineering Mechanics, for the period October 1, 1973 through March 30, 1974. (EES 465)

TOTAL - Industrial and Other Research Contracts \$103,205.00

D. The Ohio State University Development Fund

1. Gifts of \$5,000 or More

- a. \$57,548.95 from Estate of Mervin B. France, Cleveland, Ohio, for a purpose to be designated at a later date.
- b. \$33,580.00 from Ohio Lions Eye Research Foundation, Springfield, Ohio, for support of various projects in the College of Optometry.
- c. \$23,989.25 from Louise Orr Scott Foundation, Columbus, Ohio-- \$17,991.94 for scholarships in the College of Medicine and \$5,997.31 for scholarships in the College of Pharmacy.
- d. \$14,400.00 from Trust under the Will of Glenna R. Joyce, Columbus, Ohio, for the Glenna R. Joyce Scholarship Fund.
- e. \$13,569.63 from Children's Hospital - Dispatch Charities - Pro Am Championship, Columbus, Ohio, for an endowed scholarship fund for students in the College of Law.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund (continued)

1. Gifts of \$5,000 or More (continued)

- f. \$12,250.00 from Ohio Electric Utility Institute, Columbus, Ohio, for its fellowship fund in the Department of Electrical Engineering.
- g. \$12,000.00 from Battelle Memorial Institute, Columbus, Ohio, for its Professorship in Theoretical Chemistry.
- h. \$12,000.00 from Estate of Olline G. Hyman, Columbus, Ohio, for the Department of Ophthalmology for eye research.
- i. \$11,156.46 from Searle Diagnostic, Inc., Columbus, Ohio--\$8,656.46 for gastrointestinal cancer research and \$2,500.00 for pharmacology research.
- j. \$10,000.00 from Grange Mutual Casualty Company, Columbus, Ohio--\$5,000.00 for scholarships in the College of Administrative Science and \$5,000.00 for The Griffith Foundation Endowment Fund for use in accomplishing the general activities of the Foundation.
- k. \$10,000.00 from Shell Companies Foundation, Houston, Texas--\$5,000.00 for its fund for Chemical Engineering and \$5,000.00 for Metallurgical Engineering.
- l. \$9,291.25 from The Brandt Foundation, Short Hills, New Jersey, for an endowed scholarship fund for undergraduate students in the College of Humanities.
- m. \$5,200.00 from George Gund Foundation, Cleveland, Ohio, for aid for 4-H work.
- n. \$5,000.00 from Amoco Foundation, Inc., Chicago, Illinois--\$3,000.00 for support of the Distinguished Teaching Awards program and \$2,000.00 for the University Emergency Fund.
- o. \$5,000.00 from George F. Lonz Foundation, Middle Bass, Ohio, for support of the Department of Horticulture programs in Enology and Viticulture.
- p. \$5,000.00 from Harry C. Moores Foundation, Columbus, Ohio, for its scholarship fund in Dairy Technology.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund (continued)

2. Establishment of Named Funds

- a. \$50,000.00 from the Estate of Edith R. Harris for the establishment of the Edith R. Harris Memorial Scholarship Fund.

Edith R. Harris Memorial Scholarship Fund

The Edith R. Harris Memorial Scholarship Fund was established December 7, 1973, by the Board of Trustees of The Ohio State University with a bequest from Edith R. Harris, B.A. '16, Lima, Ohio, to The Ohio State University Development Fund.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide scholarships for students attending the Lima Regional Campus who have demonstrated academic ability and need for financial assistance. The selection of the recipients is to be made upon the recommendation of the Director of the Lima Campus and the University Scholarship Committee.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the Director of the Lima Regional Campus.

- b. \$5,000.00 from Ithamar D. Weed and Sally Lemert Weed for the establishment of The Weed-Lemert Fund.

The Weed-Lemert Fund

The Weed-Lemert Fund was established December 7, 1973, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Ithamar D. Weed, J.D. '39, and Sally Lemert Weed, B.A. '40, J.D. '42, Cincinnati, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund (continued)

2. Establishment of Named Funds (continued)

b. The Weed-Lemert Fund (continued)

The annual income is to be used at the discretion of the Dean of the College of Law in support of programs for which established funds are not available.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for law education.

- c. \$1,900.00 from Marjorie Best Garmhausen for the establishment of The Erwin J. Garmhausen Memorial Fund.

The Erwin J. Garmhausen Memorial Fund

The Erwin J. Garmhausen Memorial Fund was established December 7, 1973, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Marjorie Best Garmhausen, B.S. '36, Sidney, Ohio, widow of Erwin J. Garmhausen, LL.B. '37, family and friends, in memory of Erwin J. Garmhausen.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The income is to be used for scholarships for students enrolled in The Ohio State University College of Law, these to be designated as the Erwin J. Garmhausen Scholarships. Preference is to be given to Shelby County, Ohio, students.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for law education.



III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund (continued)

2. Establishment of Named Funds (continued)

- d. \$1,506.25 from the Thomas family in memory of John Ross Thomas for the establishment of The John Ross Thomas Fund.

The John Ross Thomas Fund

The John Ross Thomas Fund was established December 7, 1973, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the Thomas family in memory of John Ross Thomas, (LL. B. '31), late of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The income is to be used by the College of Law for any purpose in the discretion of the Dean of said College. Suggested uses include student financial aid, scholarships, lectureships, support of the Ohio State Law Journal, Student Bar Association, Legal Aid Clinic, or the Law Library of the College of Law. However, the use of the income is in no way restricted by the enumeration of these suggested uses.

In the event that the College of Law as it now exists should be altered in any reorganization of University colleges, schools and departments, the Board of Trustees or successor governing body of the University shall direct use of the income for educational and related purposes in the field of law.

- e. \$1,000.00 from Maxwell M. Scarff for the establishment of The Maxwell M. Scarff Fund.

The Maxwell M. Scarff Fund

The Maxwell M. Scarff Fund was established December 7, 1973, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Maxwell M. Scarff, B.S. '14.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund (continued)

2. Establishment of Named Funds (continued)

e. The Maxwell M. Scarff Fund (continued)

The annual income is to be used at the discretion of the Dean of the College of Agriculture and Home Economics in support of educational and research programs for which established funds are not available.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for agricultural education.

- f. \$998.75 from Edwin W. Jones for the establishment of The Harriette C. Jones Summers and Mary E. Jones Mason Memorial Fund.

The Harriette C. Jones Summers and Mary E.  
Jones Mason Memorial Fund

The Harriette C. Jones Summers and Mary E. Jones Mason Memorial Fund was established December 7, 1973, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Edwin W. Jones, B.A. '31, Ravenna, Ohio, in memory of his two sisters, Harriette C. Jones Summers, B.A. '29, M.A. '30, and Mary E. Jones Mason, B.A. '37, B.S. Ed. '38.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used for the aid and assistance of deserving students enrolled in the College of Law. The selection of the recipient(s) is to be made by the University Scholarship Committee upon the recommendation of the Dean of the College of Law.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for law education.

IV. BUSINESS AND ADMINISTRATION

A. Architects or Engineers

1. Lincoln Tower Remodeling for the College  
of Social and Behavioral Sciences

President Enarson recommended that the architectural firm of Trott & Bean Associates, Columbus, Ohio, be employed contingent upon subsequent approval of the Program of Requirements by the Board of Regents to provide complete architectural services for this project including preliminary plans, basic drawings, working drawings, specifications, estimate of cost, necessary bidding documents, and supervision of construction.

The fee for this service will be negotiated between the architectural firm and the Ohio Department of Public Works. The total estimated project cost is \$1,500,000.

Funds for this service have been provided from the Utilities and Renovations Appropriation (H. B. 985, Item 315-074).

2. Main Library Addition

President Enarson recommended that the architectural firm of Lorenz, Williams, Lively & Likens, Dayton, Ohio, be employed to provide complete architectural services for this project including preliminary plans, basic drawings, working drawings, specifications, estimate of cost, necessary bidding documents, and supervision of construction.

The fee for this service will be negotiated between the architectural firm and the Ohio Department of Public Works. The total estimated project cost is \$4,000,000.

Funds for this service have been provided from H. B. 985, Item 315-079 (Main Library Addition).

3. Ohio Stadium--Additional Rest Room Facilities

Upon unanimous action by the Athletic Council and the recommendation of the Vice President for Student Services, President Enarson recommended that the engineering firm of Robert S. Curl and Associates, Columbus, Ohio, be employed to provide complete engineering services for the project including preliminary plans, basic drawings, working drawings, specifications, estimate of cost, necessary bidding documents, and supervision of construction.

The fee for this service will be negotiated between the engineering firm and the Ohio Department of Public Works. The total estimated project cost is \$260,000.

December 7, 1973 meeting, Board of Trustees

IV. BUSINESS AND ADMINISTRATION (continued)

A. Architects or Engineers (continued)

3. Ohio Stadium--Additional Rest Room Facilities (continued)

Funds for this service have been provided from Budget Account 801288 (Athletic Revenue Funds).

4. Ohio Stadium--All Weather Track

Upon unanimous action by the Athletic Council and the recommendation of the Vice President for Student Services, President Enarson recommended that the engineering firm of Jones & Stuckey, Ltd., Columbus, Ohio, be employed to provide complete engineering services for this project including preliminary plans, basic drawings, working drawings, specifications, estimate of cost, necessary bidding documents, and resident supervision of construction.

The fee for this service will be negotiated between the engineering firm and the Ohio Department of Public Works. The total estimated project cost is \$350,000.

Funds for this service have been provided from Budget Account 801287 (Athletic Revenue Funds).

Upon motion of Mr. Gushman, seconded by Mr. Shocknessy, the above recommendations were approved by unanimous roll call vote.

B. Plans and Specifications

At the request of the Vice President for Business and Administration, President Enarson recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

1. Brown Hall, Main Entrance South Side--  
Removal and Replacement of Steps

This project will remove and replace badly deteriorated steps which will restore them to a first-class condition. This area, as it now exists, is a safety hazard. This work will be coordinated with long-term plans for Brown Hall.

Funds are budgeted in Budget Account 125064 (Contract Repair).

2. Lazenby Hall, Optometry Building (Part I), Physical  
Education Building, Interior Painting, 1974

This project involves the repair of plaster walls, repainting of walls, ceiling and trim, and vinyl wall covering in designated areas.

Funds are budgeted in Budget Account 125064 (Contract Repair).

IV. BUSINESS AND ADMINISTRATION (continued)

B. Plans and Specifications (continued)

3. Lord Hall, North Wing--Repair of Masonry Parapet Walls

This project will accomplish the removal and building of the north, west and east parapet walls down to the second floor window head of the building. Deterioration has caused the joints to open and the walls have extended outward from their original foundation.

Funds are budgeted in Budget Account 125064 (Contract Repair).

4. Welding Engineering Building--Exterior Masonry Repairs

This project involves repairs which are necessary to the joints in the masonry as a result of the mortar losing bond to the brick.

Funds are budgeted in Budget Account 125064 (Contract Repair).

5. Electric Trunk Lines--Utility Substation

This project involves the installation of 13.8 KV equipment as required to accept electric service from the electric utility and make connections to the existing campus distribution. This is a part of implementing the long-term contract between The Ohio State University and the Columbus and Southern Ohio Electric Company, signed October 1, 1972.

Funds are budgeted in H. B. 985, Item 315-074 (Utilities and Renovations).

6. Tennis Courts--New Locations

This project will provide eight new tennis courts. The location for six courts will be northeast of the Biggs Athletic Facility and two courts will be located east of Raney Commons.

Funds are budgeted in Budget Account 801296 (Tennis Courts - New Locations - Athletic Revenue Funds).

7. Fawcett Center for Tomorrow--Roadway Improvements

This project will improve the traffic pattern of the existing intersection at Argyll Street which is commonly used by The Ohio State University and Chemical Abstracts Service. The improvement will reduce the hazards currently existing in this intersection.

Funds are budgeted in Budget Account 125064 (Contract Repair), and Chemical Abstracts is sharing the cost of the improvements.

IV. BUSINESS AND ADMINISTRATION (continued)

B. Plans and Specifications (continued)

8. Arps Hall, College of Education--Library Improvements

This project will improve the traffic flow in the collection and reading areas and increase seating capacity in the library area.

Funds are budgeted in H. B. 985, Item 315-074 (Utilities and Renovations).

9. Law Building, Library--Improvements

This project will expand the library to include Room 019 and provide for a rare book storage area, two faculty offices and a small storage space.

Funds are budgeted in H. B. 985, Item 315-074 (Utilities and Renovations).

Upon motion of Mr. Shocknessy, seconded by Mr. Devenow, the above recommendation was approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. The Vice President for Business and Administration was directed to proceed with a request for bids in the normal University manner, and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

C. Report of Award of Contracts

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and the contracts were recommended for award. The action reported to the Board was as follows:

1. Mirror Lake--Supplemental Safety Lighting, Amphitheater Area

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electric Contract</u>		
(4 bids received 10-26-73)		
Miller-Davis Electric Company		
(Columbus)	\$ 14,665.00	\$ 16,900.00

Funds for this project have been provided in Budget Account 125064 (Contract Repair).

December 7, 1973 meeting, Board of Trustees

IV. BUSINESS AND ADMINISTRATION (continued)

C. Report of Award of Contracts (continued)

2. University Hospital--Equipment Room Ventilation

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Heating and Ventilating Contract</u> (3 bids received 10-25-73)		
Mechanical Specialties (Hilliard, Ohio)	\$ 34,376.00	\$ 42,000.00
Alt. H-1 Louvered screen	+ 7,850.00	+ 9,760.00
Total Contract	\$ 42,226.00	\$ 51,760.00
<u>Electric Contract</u> (5 bids received 11-6-73, Rebid)		
Miller-Davis Electric Company (Columbus)	11,345.00	14,500.00
<u>Total All Contracts</u>	<u>\$ 53,571.00</u>	<u>\$ 66,260.00</u>

Funds for this project have been provided in Budget Account 801282  
(University Hospital - Ventilation).

3. Joseph Sullivant Hall Remodeling

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (5 bids received 11-20-73)		
Payt Construction Company (Columbus)	<u>\$1,029,000.00</u>	<u>\$ 770,000.00</u>
<u>Plumbing Contract</u> (8 bids received 11-20-73)		
Huffman-Wolfe Company (Columbus)	<u>160,656.00</u>	<u>127,000.00</u>
<u>Heating and Air Conditioning Contract</u> (10 bids received 11-20-73)		
Sauer, Inc. (Columbus)		
Base bid	1,027,730.00	1,124,553.00
Alt. H-4 Centrifugal water cooled chiller	- 79,000.00	- 30,000.00
Total Contract	<u>\$ 948,730.00</u>	<u>\$ 994,553.00</u>

December 7, 1973 meeting, Board of Trustees

IV. BUSINESS AND ADMINISTRATION (continued)

C. Report of Award of Contracts (continued)

3. Joseph Sullivant Hall Remodeling (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u> (5 bids received 11-20-73)		
Mid-City Electric (Columbus)		
Base bid	\$ 438,580.00	\$ 390,000.00
Alt. E-1 Electric work for water cooled chiller	- 4,980.00	N/C
Total Contract	<u>\$ 433,600.00</u>	<u>\$ 390,000.00</u>
<u>Total All Contracts</u>	<u>*\$2,571,986.00</u>	<u>\$2,381,533.00</u>

\*There were at least five bids on each prime contract demonstrating a good competitive situation, and it is believed no better bids would be received by readvertising and rebidding.

Funds for this project have been provided in Budget Account 801095 (Undergraduate Library), H. B. 828, Item 315-061 (Board of Regents).

Upon motion of Mr. Gushman, seconded by Mr. Dunlap, the above award of contracts and expenditure of funds were approved and the action of the Vice President for Business and Administration was ratified by unanimous roll call vote.

D. Other Actions

1. Purchase of Property - Glenn Wendland Property, West  
Boundary of Barnebey Center, Fairfield County

It was recommended that the President and/or Vice President for Business and Administration be authorized to proceed with the purchase of:

118 acres adjacent to The Ohio State University Barnebey  
Center, Fairfield County

for the sum of \$45,000 from University Investment Portfolio Funds  
and in the name of the Board of Trustees.

This purchase of land will permit expansion of the research program  
by the School of Natural Resources now in effect at Barnebey Center.

Funds are available in Budget Account 801262.



IV. BUSINESS AND ADMINISTRATION (continued)

D. Other Actions (continued)

2. Utility Easement - Marysville, Ohio, Veterinary Clinic Property

The University has received a request for a thirty-foot easement across University land at The Ohio State University's Marysville Veterinary Clinic. The purpose of this easement is to install a twelve-inch sanitary sewer, 285 feet in length, across University property. The University will be compensated for the easement.

It was recommended that the President and/or Vice President for Business and Administration be authorized to request that the Director of Public Works, pursuant to his statutory duties, act on behalf of the University in developing the necessary legal instruments to provide for the lease.

Upon motion of Mr. Gushman, seconded by Dr. Sirak, the above recommendations were approved by unanimous roll call vote.

E. Report of Controlling Board Actions Pertaining to The Ohio State University

- 10 Approves the release of \$13,000 from H. B. 985, Item 315-074 (Utilities and Renovations) to enter into a contract with John W. Spencer and Associates, Inc., for the planning and preparation of complete bidding documents and related miscellaneous costs for the project known as "Hayes Hall, Fire Safety Improvements - Vivian Hall Remodeling."
- 11 Approves the release of \$45,000 from H. B. 985, Item 315-074 (Utilities and Renovations) to enter into a contract with W. E. Monks and Company, Engineers, to provide engineering design and drafting services for the project known as "Hagerty Hall Air Conditioning."
- 12 Approves the release of \$30,000 from H. B. 985, Item 315-074 (Utilities and Renovations) to enter into a contract with Heapy and Associates, Dayton, Ohio, to provide complete engineering services for the project known as "Derby Hall Alterations."

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V. REPORTS

A. Proposal - Clinical Medical Sciences Education Facility

Mr. Gushman made the following statement:

On behalf of the Educational Affairs Committee, I wish to report to this Board on a matter which has been referred to this Committee for consideration by President Enarson--the proposed expansion of the University Hospital (the Clinical Medical Sciences Education Facility). By way of review, in February, 1970, this Board endorsed a \$38 million expansion program

V. REPORTS (continued)

A. Proposal - Clinical Medical Sciences Education Facility (continued)

Mr. Gushman's statement (continued)

of the existing University Hospital facilities as the final phase in the expansion of our medical facilities to support an expanded medical education program. The Board's endorsement of this proposed facility expansion was a necessary condition for the submission of a Federal matching request. The request was for \$24 million, the balance to be provided from the remaining \$10 million from a \$14 million State capital improvements appropriation made by the 108th General Assembly, and \$4 million from bonds issued against future hospital revenues. After several submissions and a substantial amount of encouragement by Federal representatives, particularly in the earlier stages of this process, it is now apparent that matching Federal funds are not presently available for this purpose. Because of this situation a reexamination of the scope and funding of the project is now essential.

Accordingly the administration of medical affairs revised the project downward by \$6 million and proposed that the loss of Federal funds be made up by an additional \$18 million in revenue bonds. Thus the proposed funding pattern of \$32 million would include a total of \$22 million in revenue bonds financed by an increase in patient charges and the \$10 million still available through the original capital improvements funds which were again reappropriated by the 110th General Assembly.

This proposal has now been carefully reviewed by the Educational Affairs Committee and it is the consensus of the Committee that immediate steps should be taken to develop the necessary plans for a \$10 million expansion funded by the State capital improvements which would incorporate the highest priority needs of the initially proposed facility. It was further recommended that such a modification should be achieved in such a way to accommodate the total proposed project if and when Federal and/or State funds become available for this purpose. The Committee took this position because of the urgently needed support facilities of the existing facility, coupled with the belief that it would be unwise to commit this Board to further indebtedness in the light of the Board's current obligations, particularly with the many uncertainties that appear to exist within the health care delivery area as evidenced by the Federal Government's withdrawal from the capital improvements grants program.

This position was transmitted to President Enarson and he in turn has been working directly with the administration in medical affairs to implement this decision. A new program of requirements has been developed now accommodating this recommendation and at an early date a contract should be negotiated for the appointment of the project architects.

V. REPORTS (continued)

A. Proposal - Clinical Medical Sciences Education Facility (continued)

Mr. Gushman, on behalf of the Educational Affairs Committee, moved the adoption of the following resolution:

The architectural firms of Page Southerland Page, in association with Dan A. Carmichael, be continued as architects of the revised Clinical Medical Sciences Education Facility, that the fee for this service be negotiated with the architectural firms by the Ohio Department of Public Works, and finally that the earlier Board action authorizing a \$38 million support level be modified downward to limit a total project cost to \$10 million for present planning purposes.

Funds for this service have been provided from H. B. 985, Item 315-077 (Clinical Medical Sciences Education Facility).

Upon motion of Mr. Gushman, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

Mr. Gushman made the following additional statement:

In making this motion I would like to make a few additional comments--This Committee arrived at this conclusion most reluctantly. Dr. Meiling, Vice President for Medical Affairs, believes sincerely that we should proceed with the total project now. And Doctor we are aware of the superb job you have done in developing one of the finest medical education facilities in the country. We have no quarrel with the plan; your presentation, I thought was most thorough and complete. We simply prefer a different timetable and hopefully less patient cost in the financing of this facility.

At Mr. Shocknessy's suggestion, the motion was modified to clarify the intent of this action by the addition of "for present planning purposes" to the end of the resolution as stated.

Mr. Devenow raised a question as to the need for the additional support services facility.

Dr. Meiling indicated that the need for these facilities is extremely critical, since the present hospital core facilities were built 25 years ago in support of 600 beds. Since that time we have added 400 beds and four buildings without any increase in the core facilities. Further he stated, that the proposed \$10 million project will provide our existing facilities with but minimal health standards.

V. REPORTS (continued)

B. Report on Committee Studying Development Fund Organization

Mr. Gushman was requested to report on the activities of the special committee to which he was appointed concerned with the administrative relationship of the Development Fund.

Mr. Gushman reported as follows:

This Committee has had many meetings and interviewed a lot of people, and the function of the Committee is to study the organizational relationship between the Development Fund, the University administration, and the Alumni Association. The Chairman of this Committee is Mr. Jacob E. Davis. (Incidentally, I think it might be appropriate, with your consent, to point out that Dan Heinlen, the new Director of Alumni Affairs, is here in the room, and I know the rest of you join with me in offering Dan congratulations from the Board of Trustees in this assignment, and we wish you well. Mr. Hilliker noted that he had a note to congratulate Dan Heinlen on his new position on behalf of the Board.) Mr. Wesley Leas, who is Chairman of the Alumni Advisory Board and a member of this Committee, has undertaken an assignment to visit a number of Big Ten and other major universities on a fact-finding assignment to learn how the private fund and alumni fund raising organizations work relative to the university administrations. This will take probably several months. About April 1 the Committee will reconvene and I will be coming back to the Board to get your advice and direction and also to bring you up-to-date on the findings of the Committee.

C. Report from President Enarson

President Enarson called the Board's attention to a "Fact Sheet" enumerating steps which have been taken by the administration relating to the conservation of energy. He indicated that fairly effective cooperation was being achieved.

President Enarson announced a plan for opening University resources to area residents over 65. This plan would allow them to "sit in" on some University classes free. The details of the plan remain to be worked out.

The President reported that the campus United Appeal raised more dollars this year than before although not by any significant amount, except in the student sector.

December 7, 1973 meeting, Board of Trustees

V. REPORTS (continued)

D. Report on President's Speech at National Football Hall of Fame

Mr. Shocknessy congratulated the President on the speech which he made in New York on December 4 at the National Football Hall of Fame ceremonies at which time some of the University's distinguished alumni were honored.

E. Report on the University's Investment Portfolio

The report dated November 30, 1973, as submitted to the Finance Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

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Thereupon the Board adjourned to meet Friday, February 1, 1974, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

\_\_\_\_\_  
Edward Q. Moulton  
Secretary

\_\_\_\_\_  
Don M. Hilliker  
Chairman

Page 288 Blank

## APPENDIX II

### Degrees Conferred at THE OHIO STATE UNIVERSITY COMMENCEMENT CONVOCATION

December 14, 1973

Page 290 Blank



## Graduate School

Dean: Arliss L. Roaden

### Doctor of Philosophy

One hundred and seventy-two candidates

Carmeta Clark Abbott, Columbus

B.A., M.A.

*Dissertation*: Currents of Stoic Moral Theory in Representative Works of Corneille, Pascal, Moliere, and La Bruyere

*Field of Specialization*: Romance Languages and Literatures

Thomas Joseph Acquario, Albany, N.Y.

B.A. (Siena College); M.A.

*Dissertation*: Agrippa D'Aubigne's *Histoire Universelle*: Objectivity and Partisanship

*Field of Specialization*: Romance Languages and Literatures

Ronald Jerry Adams, Columbus

B.A. (University of Texas)

*Dissertation*: Building a Foundation for Evaluation of Instruction in Higher Education and Continuing Education

*Field of Specialization*: Education

William Samuel Arnett, Morgantown, W. Va.

B.A. (West Virginia University); M.A.

*Dissertation*: The Predynastic Origin of Egyptian Hieroglyphs: Evidence For the Development of Rudimentary Forms of Hieroglyphs in Upper Egypt in the Fourth Millennium B.C.

*Field of Specialization*: History

Thomas George Attig, Pontiac, Ill.

B.A. (De Pauw University)

*Dissertation*: The Stereo Chemistry at the Iron Atom During Reactions Involving Iron-Carbon Sigma Bonds

*Field of Specialization*: Chemistry

JAlan Louis Aufderheide, Delaware

B.S.Ed., M.Ed. (Bowling Green State University)

*Dissertation*: The Place of Educational Interest Groups in State Educational Policy-Making Systems

*Field of Specialization*: Education

Bette Lou Bakelaar, Springfield

A.B. (Wilson College); M.A. (Middlebury College)

*Dissertation*: From Verse to Prose: A Study of the Fifteenth-Century Versions of Chrestien's *Erec* and *Cligés*

*Field of Specialization*: Romance Languages and Literatures

David C. Baker, Jonesville, Va.

B.S. (University of Tennessee)

*Dissertation*: Part One: Synthesis and Reactions of Carbonyl Sugars

Part Two: Synthesis and Modifications of Nucleosides

*Field of Specialization*: Chemistry

Patricia McKay Baker, Bethesda, Md.

B.A. (University of Maryland); M.A.

*Dissertation*: Relationships Among Weight, Sex, Deprivation, Time of Eating, Eating Patterns, Taste, and Eating Behavior

*Field of Specialization*: Psychology

Sandy Kay Beveridge, Rock Springs, Wyo.

B.S. (Brigham Young University); M.A.

*Dissertation*: The Relationships Among Motor Creativity, Movement Satisfaction, and the Utilization of Certain Movement Factors of Second Grade Children

*Field of Specialization*: Physical Education

Jimmie Ray Biddle, Harrison

B.A. (Bob Jones University); M.Ed. (University of Cincinnati)

*Dissertation*: Predicting Teachers' Innovativeness from their Conceptions of Pupils

*Field of Specialization*: Education

Sharon Spaulding Biddle, Harrison

B.A. (Bob Jones University); M.A. (University of Cincinnati)

*Dissertation*: Conservative Communication: A Critical Analysis of the Rhetorical Behaviors of Edmund Burke, Conservative Exemplar

*Field of Specialization*: Speech Communication

Richard James Bodonyi, Cleveland

B.S.; M.S. (Case Western Reserve University)

*Dissertation*: The Laminar Boundary Layer on a Finite Rotating Disc

*Field of Specialization*: Aeronautical and Astronautical Engineering

Barry Lynn Bozeman, West Palm Beach, Fla.

B.A., M.A. (Florida Atlantic University)

*Dissertation*: Appropriations in the Policy Arena: An Investigation of Funding Patterns for Selected Federal Agencies

*Field of Specialization*: Political Science

Ernest Thomas Brooks, Murray, Ky.

A.B. (Lane College); M.A. (Murray State University)

*Dissertation*: The Relationship Between Non-Intellectual Variables and College Performance of Black College Freshmen

*Field of Specialization*: Education

Harold Haywood Brown, Columbus

B.S. (Ohio University); M.A.

*Dissertation*: Selected Factors Relevant to the Selection of Post-Secondary Technically Oriented Programs by Black High School Students

*Field of Specialization*: Education

Walker Thornton Brown, New York, N. Y.

A.B. (Gettysburg College); M.S. (Columbia University, New York School of Social Work)

*Dissertation*: Racial Devaluation Among Transracially Adopted Black Children.

*Field of Specialization*: Social Work

Ronald Carl Burton, Spencer

B.S.Ed.

*Dissertation*: Solvent Extraction of Heavy Metals Using a Fluorinated Beta Di Ketone and its Thio Derivative

*Field of Specialization*: Chemistry

Albert Lincoln Caffo, Port Allegany, Pa.

B.S. (Pennsylvania State University); M.S.

*Dissertation*: Kinetics and Mechanisms of the Formation and Solvent Extraction of Some Metal-Fluorinated B-Diketone Chelates

*Field of Specialization*: Chemistry

Paul Gerald Carlson, Greenwood, Ind.  
B.A. (Cedarville College); M.A.  
*Dissertation*: The Relationship of Three Organizational Variables to the Utilization of Evaluation  
*Field of Specialization*: Education

Ernest Lee Carlton, Columbus  
B.S. Bus. Adm.; M.B.A. (Michigan State University)  
*Dissertation*: The Motivational, Perceptual, and Attitudinal Variables and the Job Performance of Insurance Agents, Trainees, Managers and Underwriters  
*Field of Specialization*: Business Administration

Charles Nelson Carpenter, Franklin  
B.Ch.E., M.S.  
*Dissertation*: Drag Reduction Visual Study  
*Field of Specialization*: Chemical Engineering

Paul Sui-Yuen Chan, Hong Kong  
B.S. (University of Wisconsin); M.S.  
*Dissertation*: An Investigation of Symmetric Radix for Computer Arithmetic  
*Field of Specialization*: Computer and Information Science

George Richard Chesley, Halifax, N.S., Canada  
B. Com. (Mount Allison University, Canada); M.A.  
*Dissertation*: The Theory of Elicitation of Subjective Probabilities: An Accounting Study  
*Field of Specialization*: Accounting

Liu-Gei Chou, Tamsui, Taiwan  
B.Sc. (National Taiwan University); M.S.  
*Dissertation*: Factors Affecting *Pythium* Root Rot of Soybean and Germination of Oos pores of *Pythium ultimum*  
*Field of Specialization*: Plant Pathology

Woo Yong Chun, Seoul, Korea  
B.A., M.A.  
*Dissertation*: Thought and Structure in Melville's *Moby-Dick* and his Later Works  
*Field of Specialization*: English

Charles Frederick Clark, Jr., Lancaster  
B.A. (Dartmouth College); M.S.  
*Dissertation*: The Dielectric Constant of the Solid Hydrogens  
*Field of Specialization*: Physics

David Wylie Cliness, Worthington  
A.B.Ed., M.A. (University of Kentucky)  
*Dissertation*: The Development and Application of a Curriculum Based Information System for Career Guidance  
*Field of Specialization*: Education

Deborah Dye Coleman, Columbus  
B.S.Ed., M.A.  
*Dissertation*: Family Building for Adolescents: A Model of Developmental Learning Tasks  
*Field of Specialization*: Education

Helen Loftin Cornell, Nashville, Tenn.  
B.M. (George Peabody College for Teachers); M.A. (University of Louisville)  
*Dissertation*: An Evaluation of Vocal Music by American Women Composers as to its Appropriateness in the Elementary School  
*Field of Specialization*: Music

John Kenneth Corwin, Miami, Fla.  
B.Ed. (University of Miami); M.Ed. (Florida Atlantic University)  
*Dissertation*: Electrical Hazards Found in Selected High School Agricultural, Home Economics, and Trade and Industrial Shops and Laboratories in Ohio  
*Field of Specialization*: Education

Dominic John Costanzo, New Concord  
A.B. (George Washington University); M.A. (Temple University)  
*Dissertation*: An Experimental Analysis of the Reproductive Behavior of Dominant and Subordinate Rats  
*Field of Specialization*: Psychology

Alice Kaaren Courtney, Columbus  
B.S. in Edu. (Kansas State Teachers' College); M.A.  
*Dissertation*: A Reappraisal of Literary Form in *Les. XV. Joies de mariage*  
*Field of Specialization*: Romance Languages and Literatures

Herbert Michael Cox, Columbus  
B.A., M.S.  
*Dissertation*: The Measurement of Crystal-Solution-Vapor Contact Angles and the Growth Rates of Corresponding Crystal Faces  
*Field of Specialization*: Geology and Mineralogy

Edward Neil Dalder, Pittsburgh, Pa.  
B.A. in Met. Engr., M.S. in Met. Engr. (Polytechnic Institute of Brooklyn)  
*Dissertation*: Flow and Fracture of Type 304 Austenitic Stainless Steel Bar and Weldments  
*Field of Specialization*: Metallurgical Engineering

Gary Joe Daniels, Parsons, Kan.  
B.A., M.S. (Kansas State College of Pittsburg)  
*Dissertation*: A Methodological Study of Concept Formation in Mentally Retarded Adults.  
*Field of Specialization*: Psychology

Paul Alexander Daum, Akron  
B.F.A. (Wesleyan College); M.A. (University of Akron)  
*Dissertation*: The Royal Circus 1782-1809: An Analysis of Equestrian Entertainments  
*Field of Specialization*: Theatre

Mark Edward Davis, Dayton  
B.S.E.E., M.S.E.E. (Syracuse University); M.S.  
*Dissertation*: Impurity Analysis of Epitaxial Gallium Arsenide with an Accurate Hall Effect Apparatus  
*Field of Specialization*: Physics

Thelma Lee Deamer, Baton Rouge, La.  
B.S. (Southern University); M.S. (Atlanta University)  
*Dissertation*: The Perceptions of Individuals Involved in a Science Teacher Education Field Experience Program  
*Field of Specialization*: Education

Berndt Boris Dettloff, Rossford  
B.C.E., M.S.  
*Dissertation*: A Numerical Solution for the Elastica Problem of the Slender Rod Initially Curved and Twisted  
*Field of Specialization*: Civil Engineering

Gulzar Singh Dhillon, Punjab, India  
B.Sc., M.Sc. (Panjab University)  
*Dissertation*: Effect of Seed Size on the Growth, Yield,  
and Composition of Soybeans (*Glycine Max.* (L.) Merr.)  
*Field of Specialization*: Agronomy

David Arthur Dittman, Cincinnati  
B.A. (University of Notre Dame); M.A.  
*Dissertation*: A Limited Cost-Benefit Analysis of the  
Diploma Nursing School Dilemma: A Case Study on the  
Continue/Discontinue Decision  
*Field of Specialization*: Accounting

James Jefferson Doughty, Columbus  
B.S. (Capital University); M.A.  
*Dissertation*: A Historical Analysis of Black Education—  
Focusing on the Contemporary Independent Black School  
Movement  
*Field of Specialization*: Education

Matthias C. Drake, Wilmington  
B.S.Ed., M.A.  
*Dissertation*: Quaker Consensus: Helping Learners  
Understand and Participate in the Quaker Way of  
Reaching Group Decisions  
*Field of Specialization*: Education

Aidron Duckworth, Winchester, Mass.  
Diploma (Royal College of Art, England)  
*Dissertation*: Dialectic as Necessary to Performance,  
Understanding, and Teaching in the Visual Arts with  
Particular Reference to Studio Practices at the College and  
University Level in an Egalitarian Society  
*Field of Specialization*: Art Education

Richard Francis Dutro, Lakewood  
B.S. (University of Dayton); M.Ed. (Miami University)  
*Dissertation*: The Effect of In-Service Education of  
Teachers on Student Achievement Scores While Using  
Three Approaches of Teaching Reading  
*Field of Specialization*: Education

Charles Evans Ebeling, Pittsburgh, Pa.  
B.S. (University of Pittsburgh); M.S. (Air Force Institute  
of Technology)  
*Dissertation*: On the Construction of Optimal Regression  
Designs  
*Field of Specialization*: Industrial Engineering

Thomas Raymond Eggers, Forest Park, Ill.  
B.S. (University of Iowa)  
*Dissertation*: Kinetics of Poliovirus Production in  
Synchronized HEp-2 Cells  
*Field of Specialization*: Microbiology

Kathleen Ann Emmett, Columbus  
B.A.  
*Dissertation*: Talking About Seeing: An Examination of  
Some Aspects of the Ayer-Austin Debate on the  
Sense-Datum Theory  
*Field of Specialization*: Philosophy

Simeo Okole Esipiku, Maseno, Kenya  
B.A. (Eastern Nazarene College); M.S.W. (State  
University of New York at Buffalo)  
*Dissertation*: Problems of Coordination in the Community  
Planning Process: An Analysis of the Akron Model Cities  
Organization  
*Field of Specialization*: Social Work

Patrick McCoy Ewing, Wooster  
B.A. (DePauw University)  
*Dissertation*: A Study of the Effects of Individualizing  
the Pacing and the Instruction of Elementary Algebra at  
the College Level  
*Field of Specialization*: Education

Raul Ernesto Fajardo, Lima, Peru  
Quim. Ing. (National University of Engineering, Peru)  
M.S.  
*Dissertation*: A Mathematical Model for Predicting  
Dynamic Behavior of a Fixed Bed Reactor  
*Field of Specialization*: Chemical Engineering

Michael Warren Fowler, Ada, Okla.  
B.S. (Oklahoma Christian College)  
*Dissertation*: Uncoupling and Induction of Ion  
Permeability Changes in Heart Mitochondria by N, N'-BIS  
(Dichloroacetyl)-1, 12-Diaminododecane  
*Field of Specialization*: Physiological Chemistry

David Joseph Frantz, Columbus  
B.S. (Albright College); M.S. (University of Iowa)  
*Dissertation*: A Comparison of Two Methods of Instruction  
(Inquiry versus Verification) With Respect to  
Instructional Preferences of Secondary School Science  
Teachers in an Astronomy Inservice Institute.  
*Field of Specialization*: Education

Irving Fried, Columbus  
B.A. (Brooklyn College); M.A. (Columbia University)  
*Dissertation*: Trends and Issues in Hebrew Day School  
Education  
*Field of Specialization*: Education

Douglas Andrew Gamble, Maryville, Tenn.  
B.A. (Maryville College); M.A.  
*Dissertation*: Moral Suasion in the West  
Garrisonian Abolitionism, 1831-1861  
*Field of Specialization*: History

Donald Kenneth Gartman, Dayton  
B.A., M.S.  
*Dissertation*: Artificial Aeration and Destratification of  
Ottoville Quarry  
*Field of Specialization*: Zoology

Paulette M. Gillig, Buffalo, N.Y.  
B.A. (State University of New York at Buffalo); M.A.  
*Dissertation*: Evaluation Apprehension, and its Effect on  
Responses to Counterattitudinal Information.  
*Field of Specialization*: Psychology

Howard Robert Greenstein, Dayton  
A.B. (Cornell University); B.H.L., M.A. (Hebrew Union  
College)  
*Dissertation*: The Changing Attitudes Toward Zionism in  
Reform Judaism, 1937-1948  
*Field of Specialization*: History

John Edward Gump, Waynesburg, Pa.  
B.S. (Waynesburg College); A.M. (West Virginia  
University)  
*Dissertation*: An Analysis of the Changes in Business  
Education in the Public Senior High Schools of Ohio Since  
the Passage of the Vocational Education Act of 1963.  
*Field of Specialization*: Education

Alfred Gunter, Shippensburg, Pa.  
B.S.Ed. (State Teacher's College, California,  
Pennsylvania); A.M. (West Virginia University)  
*Dissertation*: The Effects of Different Sequences of  
Instructional Units and Experiences Within Instructional  
Units on the Achievement and Attitudes of College  
General Biology Students  
*Field of Specialization*: Education

Danford Lee Hagan, Dayton  
B.A. (Ohio Wesleyan University); M.M. (Miami  
University)  
*Dissertation*: A Comparison of Humanistic and Scientific  
Epistemologies in Educational Research and Evaluation  
*Field of Specialization*: Education

Dale Emerson Hall, Marysville  
B.S.Pharm. (Ohio Northern University); Mus.B. (Oberlin  
College); M.A.  
*Dissertation*: The Italian Secular Vocal Works of  
Jacquet Berchem  
*Field of Specialization*: Music

Edwin Hamilton, Tuskegee Institute, Ala.  
B.S., M.Ed. (Tuskegee Institute)  
*Dissertation*: Organization and Administration of  
Non-Credit Adult Continuing Education Programs in  
Two-Year Institutions of Higher Education in Ohio  
*Field of Specialization*: Education

Douglas Brian Hampton, Tallmadge  
B.A. in A. and S. (Kent State University); M.A.  
*Dissertation*: Urbanus Rhegius and the Spread of the  
German Reformation  
*Field of Specialization*: History

David Gene Hattan, Rapid City, S.D.  
B.S. Pharmacy (University of Kansas)  
*Dissertation*: Characterization of Feline Hypothalamic  
Heat-Loss Receptors by Intracerebral Microinjection of  
Sympathomimetic Amines  
*Field of Specialization*: Pharmacy

Raymond Philip Heath, Columbus  
A.B. (Providence College); M.S. (Southern Connecticut  
State College)  
*Dissertation*: A Description of the Chief Student Personnel  
Administrators and an Analysis of the Developmental  
Orientation of the Student Affairs Programs in Selected  
Private Liberal Arts Colleges  
*Field of Specialization*: Education

Angela Dolores Hergenroeder, West Richfield  
B.S., M.A. (Western Reserve University)  
*Dissertation*: The Business Communications Program in  
Ohio Community Colleges and Technical Institutes  
*Field of Specialization*: Education

Richard Charles Hess, Farmington, W. Va.  
B.A. in Edu. (Fairmont State College); M.A. (Temple  
University)  
*Dissertation*: The 1970 Senatorial Campaign in Indiana:  
A Rhetorical Case Study of Political Communication  
*Field of Specialization*: Speech Communication

Margaret Stevens Hoell, Galien  
B.A. (University of Arizona); M.A.T. (College of  
Wooster)  
*Dissertation*: The Ticaret Odası; Origins, Functions, and  
Activities of the Chamber of Commerce of Istanbul,  
1885-1899  
*Field of Specialization*: History

E. Renée Huettenmueller, Shawnee Mission, Kan.  
A.B. (Marymount College)  
*Dissertation*: A Multi-Sensory Approach to Teaching  
Poetry to Sixth Grade Students  
*Field of Specialization*: Education

George Andrew Huzinec, Erie, Pa.  
B.S. (Pennsylvania State University)  
*Dissertation*: A Conceptualization of the Spatial Model of  
Soviet Economic Development  
*Field of Specialization*: Geography

Yeong Ming Hwang, Columbus  
B.S. (National Taiwan University); M.S. (National  
Chiao Tung University)  
*Dissertation*: The Diffraction at the Edge of a Uniform  
Impedance Surface  
*Field of Specialization*: Electrical Engineering

Martha Combs Jenkins, Bowling Green, Ky.  
B.S. (Western Kentucky State College); M.S.  
(Louisiana State University and Agricultural and  
Mechanical College)  
*Dissertation*: Clothing and Textile Evaluative Criteria:  
Basis for Benefit Segmentation and Reflection of  
Underlying Values  
*Field of Specialization*: Home Economics

Maryalyce Jeremiah, Cedarville  
B.A. (Cedarville College); B.S.Ed. (Central State  
College); M.A.  
*Dissertation*: Ohio School Health Education Study:  
Status of the School Health Instruction Program in Ohio's  
Public Secondary Schools  
*Field of Specialization*: Physical Education  
(Health Education)

Charles Edwin Jobe, Dayton  
B.Aero.E. (University of Detroit); M.S.  
*Dissertation*: The Numerical Solution of the Asymptotic  
Equations of Trailing Edge Flow  
*Field of Specialization*: Aeronautical and Astronautical  
Engineering

Thomas Gerald Johns, Struthers  
B.E. (Youngstown University); M.S.  
*Dissertation*: The Normal Contact of Arbitrarily-Shaped  
Multilayered-Elastic Bodies  
*Field of Specialization*: Engineering Mechanics

Manoranjan Kalia, Himachal, India  
B.Sc., M.Sc. (Panjab Agricultural University)  
*Dissertation*: Effect of Different Chemical Treatments  
and Storage Conditions on the Quality and Shelf Life of  
Apple Slices  
*Field of Specialization*: Horticulture

Ellen B. Karge, Harrisonburg, Va.  
 Staatsexamen (University of Hamburg, Germany)  
*Dissertation*: Aspects of Tacitus' Presentation of Tiberius  
 as Princeps and Proconsul  
*Field of Specialization*: Classics

Harold Marion Keener, Ashland  
 B.Agr.E., M.S.  
*Dissertation*: Dynamic Modeling of Energy Utilization of  
 Bovine Animals  
*Field of Specialization*: Agricultural Engineering

Philip Willard Keezer, Siloam Springs, Ark.  
 B.A. (Wisconsin State College); M.A. (Michigan State  
 University)  
*Dissertation*: Temporal and Valuational Dimensions of the  
 Image of Man Held By Campus Religious and  
 Parareligious Leaders  
*Field of Specialization*: Speech Communication

Sylvan Heath Kesilman, Philadelphia, Pa.  
 A.B., M.A. (Temple University)  
*Dissertation*: John Tyler and the Presidency: Old School  
 Republicanism, Partisan Realignment, and Support for  
 His Administration  
*Field of Specialization*: History

Tae Choon Kim, Chester, Pa.  
 B.Com. (Seoul National University, Korea); M.A., M.S.  
 (University of Minnesota)  
*Dissertation*: The Investment Performance of College  
 Endowment Funds  
*Field of Specialization*: Business Administration

Donald Wayne Kinzy, Bloomington  
 B.S.Ed. (Ohio University); M.A. (Ball State University)  
*Dissertation*: The American Council on Industrial Arts  
 Teacher Education: Its Origin, Development, Leaders,  
 and Accomplishments  
*Field of Specialization*: Education

Kenneth J. Kiser, Stillwater, Okla.  
 B.A., M.S. (Oklahoma State University)  
*Dissertation*: Explorations in Organizational Change:  
 A Case Study of a Federal Intervention Program  
*Field of Specialization*: Sociology

Richard Gerald Kolczynski, Oak Ridge, Tenn.  
 B.S., M.S. (University of Tennessee)  
*Dissertation*: A Psycholinguistic Analysis of Oral Reading  
 Miscues in Selected Passages from Science, Social Studies,  
 Mathematics, and Literature  
*Field of Specialization*: Education

Richard Arthur Kolson, Painesville  
 B.S., M.S.  
*Dissertation*: Behavior of the Bullfrog  
 (*Rana catesbeiana*), With Special Emphasis on  
 Vocalization  
*Field of Specialization*: Zoology

Thomas Otto Krause, Grand Rapids, Mich.  
 B.Sc. (Massachusetts Institute of Technology)  
*Dissertation*: A Study of Spurious Effects in Non-Local  
 Equations  
*Field of Specialization*: Physics

Thomas Preston Kridler, Steubenville  
 B.A., M.A.  
*Dissertation*: Structure, Behavior, and Cohesiveness of  
 Inter-Nation Alliances: Isomorphism with Sociological  
 Small-Group Model  
*Field of Specialization*: Political Science

Patricia Joan Avery Kroes, Columbus  
 B.A. (Denison University); M.A.  
*Dissertation*: Comparison of the Relative Intelligibility of  
 Four Spanish Speech-Audiometric Tests  
*Field of Specialization*: Speech Communication

Hung-Ting Ku, Columbus  
 B.A. (Tunghai University, Taiwan); M.A. (State  
 College of Iowa)  
*Dissertation*: Urban Mass Politics in the Southern China,  
 1923-1972: Some Case Studies  
*Field of Specialization*: History

Hu Kuan, Hualien, China  
 B.S. (National Taiwan University); M.S.  
*Dissertation*: Dislocation Behavior Near the Interface  
 of a Bimetallic Couple  
*Field of Specialization*: Engineering Mechanics

Earl Charles Lammel, Kent  
 A.B. (Heidelberg College); M.A. (University of  
 Rochester)  
*Dissertation*: Paul Osborn: A Professional Biography  
*Field of Specialization*: Theatre

Frank Peter Lane, Columbus  
 A.B. (Ohio Northern University); M.A.  
*Dissertation*: Poverty and Poor Relief in the German  
 Church Orders of Johann Bugenhagen 1485-1558  
*Field of Specialization*: History

Wayne Paul Lawson, Parma  
 B.A., M.A.  
*Dissertation*: The Dramatic Hunt: A Critical Evaluation  
 of Peter Shaffer's Plays  
*Field of Specialization*: Theatre

Raymond Warren Lawton, III, Huntington Station, N.Y.  
 B.A. (State University of New York College at Oswego);  
 M.A.  
*Dissertation*: Action in the National Interest  
*Field of Specialization*: Political Science

Lance T. LeLoup, Latham, N.Y.  
 A.B. (Georgetown University); M.A.  
*Dissertation*: Explaining Agency Appropriations  
 Change, Success and Legislative Support: A Comparative  
 Study of Agency Budget Determination  
*Field of Specialization*: Political Science

George Robert Levin, Englewood  
 B.S.Ed., M.Ed. (Ohio University)  
*Dissertation*: Social Modeling as a Teacher Education  
 Technique: Its Effects on Teacher Praise and Student  
 Attending Behaviors  
*Field of Specialization*: Education

Robert William Lewis, Columbus  
 B.S. in Edu. (Capital University); M.A.  
*Dissertation*: Sport and the Fiction of John Updike and  
 Philip Roth  
*Field of Specialization*: Physical Education

Dale William Lichtenberg, Westlake  
B.S. (Case Institute of Technology); M.S. (Massachusetts Institute of Technology)  
*Dissertation*: Electrophilic Additions to 2-Alkenyl and 2-Alkynyl-Transition Metal Complexes  
*Field of Specialization*: Chemistry

William Eugene Lieb, Sandusky  
B.S. (Saint Joseph's College); M.Bus.Adm. (Indiana University)  
*Dissertation*: Perceived Costs and Perceived Values of Information as Determinants of External Search Activity for a Personal Cash Installment Loan  
*Field of Specialization*: Business Administration

John Richard Long, Toledo  
B.S. (University of Toledo)  
*Dissertation*: The Reactions of Hexaborane (12), Pentaborane (11) and Tetraborane (10) with Selected Lewis Bases  
*Field of Specialization*: Chemistry

Donald Ralph Loose, Grove City  
B.S.  
*Dissertation*: A Psychophysical Test for the Site of Retinal Cone-Rod Interaction  
*Field of Specialization*: Biophysics

Vincent Anthony Mabert, Garfield Heights  
B.S.Bus.Adm., M.B.A.  
*Dissertation*: A Methodology for Work Scheduling and Labor Assignment Within a Single Postal Facility  
*Field of Specialization*: Business Administration

Jonathan Benning Marcantel, Carroll  
B.S., M.S. (Louisiana State University and Agricultural and Mechanical College)  
*Dissertation*: Upper Pennsylvanian and Lower Permian Sedimentation in Northeast Nevada  
*Field of Specialization*: Geology

Colin James Marsh, Morley, Australia  
B.A., M.A. (University of Western Australia)  
*Dissertation*: A Comparative Study of Preservice Teacher Attitudes to Selected Inquiry Teaching Techniques in Social Studies at The Ohio State University (United States of America) and the Secondary Teachers' College (Western Australia)  
*Field of Specialization*: Education

Vincent Marston, Brockton, Mass.  
A.B. (Boston College); M.A.  
*Dissertation*: Aristophanes' Use of Obscenity  
*Field of Specialization*: Classics

Mary Garrett Martin, Lebanon  
B.A. (Marshall College); M.Ed. (Miami University)  
*Dissertation*: Self-Development: An Alternative Approach for Teacher Education  
*Field of Specialization*: Education

John Lenard Mason, Leroy, N.Y.  
B.A. (Washington and Jefferson College)  
*Dissertation*: The Identity Crisis Theme in American Feature Films, 1960-1969  
*Field of Specialization*: Speech Communication

Robert Edgar Maute, Columbus  
B.S. (Lamar State College of Technology); M.S.  
*Dissertation*: A Study of the Reaction  $^{11}\text{B}$  ( $^3\text{He}$ ,  $\gamma$ ,  $^{14}\text{N}$ ) from  $\text{E}_3\text{He} = 1.5$  MeV to 6.1 MeV  
*Field of Specialization*: Physics

Albert Quince McGee, Westerville  
B.S. (Howard University); M.S.  
*Dissertation*: The Heat Capacity of Solid HD  
*Field of Specialization*: Physics

Andrew Martin McGreevy, Berea  
B.A., M.A.  
*Dissertation*: A.P. Shehapov's Scientific Analysis of the Nature of Russian Society  
*Field of Specialization*: History

Robert Samuel McQuate, Ocean City, N.J.  
B.S. in Chem. (Lebanon Valley College)  
*Dissertation*: Formation and Reactions of Salicylaldehyde-Schiff Bases and Zinc Complexes: Equilibrium and Kinetic Study of Vitamin B<sub>6</sub> Model Systems  
*Field of Specialization*: Chemistry

John Richard Meckley, Columbus  
B.S. (Ohio University); M.S.  
*Dissertation*: Photon Echoes in the  $\nu_3$  Band of SF<sub>6</sub> Hexafluoride  
*Field of Specialization*: Physics

Boota Singh Mehta, Madison, Wis.  
B.S. (Uttar Pradesh Agricultural University, India); M.S. (University of Wisconsin)  
*Dissertation*: Processing of Model Compositional Whey Solutions with Pressure Driven Membranes  
*Field of Specialization*: Agricultural Engineering

Edward Menge, Jr., Columbus  
B.A., M.A.  
*Dissertation*: Congress and Agency Appropriations: An Explanation of House Appropriations Committee Actions for Federal Agencies  
*Field of Specialization*: Political Science

Floyd Ernest Merritt, Tullahoma, Tenn.  
B.A. (David Lipscomb College); M.A. (University of Kansas)  
*Dissertation*: William F. Buckley, Jr.: Spokesman for Contemporary American Conservatism — A Classical-Weaverian Rhetorical Analysis  
*Field of Specialization*: Speech Communication

Barton Joel Michelson, Columbus  
B.A., M.A.  
*Dissertation*: Educational Grantsmanship and Project Management: A System Approach  
*Field of Specialization*: Education

William B. Moreland, Costa Mesa, Calif.  
B.A. (University of California); M.A.  
*Dissertation*: The Limits of Policy Discretion: A Non-Incremental, Time Series Analysis of Agency Appropriations  
*Field of Specialization*: Political Science

- Myrna Neuman Mumm, Columbus  
B.S.Ed., M.A.  
*Dissertation*: A Comparison of the Results of  
"Behavior-Modification" versus "Traditional" Approaches  
in the Treatment of Misarticulations in a Public School  
Setting  
*Field of Specialization*: Speech Communication
- Donald James Munton, West Vancouver, B.C., Canada  
B.A., M.A. (University of British Columbia, Canada)  
*Dissertation*: External Influences on Canadian Foreign  
Policy Behavior: Developing and Testing Three  
Theoretical Models  
*Field of Specialization*: Political Science
- Jeffrey Alan Myers, Columbus  
B.C.E., M.S.  
*Dissertation*: An Experimental Investigation of the  
Applicability of the Hydrodynamic Approach for Describing  
the Macroscopic Behavior of Traffic Flow on a Single Lane  
of a Multi-Lane, One-Way Roadway  
*Field of Specialization*: Civil Engineering
- Arthur Thomas Neavill, Lincoln, Ill.  
B.S., M.S. (University of Illinois)  
*Dissertation*: Criterion-Referenced Assessment of  
Ninth- and Tenth-Grade Instruction in Agriculture  
*Field of Specialization*: Agricultural Education
- James Lowell Peterson, Glenville, W. Va.  
B.A. (West Virginia Wesleyan College);  
M.S. (West Virginia University)  
*Dissertation*: An NMR Investigation of Bonding in Heavy  
Metal Complexes  
*Field of Specialization*: Chemistry
- Roger David Peterson, Carbonvale, Ill.  
B.A. (Northwestern University)  
*Dissertation*: A Group Ring Invariant for Finite Groups  
and Quadratic Forms over Semi-Local Rings  
*Field of Specialization*: Mathematics
- John Richard Ponting, Burlington, Ont., Canada  
B.A. (University of Western Ontario); M.A.  
*Dissertation*: Rumor Control Centers as Intermittent  
Organizations: A Study of a Neglected Organizational  
Type  
*Field of Specialization*: Sociology
- Susan Payne Porterfield, Worthington  
B.S., M.S.  
*Dissertation*: Alterations of Carbohydrate Metabolism in  
the Maternal-Fetoplacental Unit of the Hypothyroid Rat  
*Field of Specialization*: Physiology
- Charles Randall Powell, Bloomington, Ind.  
B.S., M.B.A. (Indiana University)  
*Dissertation*: Correlates of Career Performance of 1962  
MBA Graduates Impacting Upon the Career Decisions of  
Male Students Contemplating Study Toward the MBA  
Degree.  
*Field of Specialization*: Business Administration
- Georgette Marie Psarras, Akron  
A.B. (Vassar College); M.A.  
*Dissertation*: Infant Language Development and Its  
Relationship to Selected Maternal and Infant Variables  
*Field of Specialization*: Psychology
- Albert Edward Pye, Yeadon, Pa.  
B.S., M.S. (Pennsylvania State University)  
*Dissertation*: The Activation and Inhibition of  
Phenoloxidase in Immunized *Galleria mellonella*  
(L.) Larvae  
*Field of Specialization*: Entomology
- William Patrick Rahilly, Kettering  
B.S., M.S. (South Dakota State University)  
*Dissertation*: Nuclear Magnetic Relaxation of Si<sup>29</sup> in  
Lithium Doped Single Crystal Silicon  
*Field of Specialization*: Physics
- Joyce Oliver Rasdall, Smiths Grove, Ky.  
B.S. (Western Kentucky State College);  
M.S.H.E. (University of North Carolina)  
*Dissertation*: Product Information as a Resource:  
A Study of Factors Affecting its Usefulness to Consumers  
*Field of Specialization*: Home Economics
- Kenneth Lynn Reinhard, Kettering  
B.E.E., M.S.  
*Dissertation*: Adaptive Antenna Arrays for Coded  
Communication Systems  
*Field of Specialization*: Electrical Engineering
- John Jacob Rheinfank, III, Columbus  
B.I.E., M.S.  
*Dissertation*: Toward a Systemic Paradigm of  
Integrative Inquiry  
*Field of Specialization*: Industrial and Systems  
Engineering
- Won Byung Roh, Columbus  
B.Sc. (Seoul National University); M.S.  
*Dissertation*: Design and Development of a Co Laser and  
Interpretation of Its Infrared Spectra  
*Field of Specialization*: Electrical Engineering
- Jeffrey Lloyd Rossio, Beachwood  
B.S. (University of Michigan); M.S.  
*Dissertation*: Characterization of Transducing  
"Immunogenic" Ribonucleic Acid  
*Field of Specialization*: Microbiology
- Mary Constance Rountree, Columbus  
B.S. (Madison College); M.S.  
*Dissertation*: Effectiveness of the Expanded Food and  
Nutrition Education Program in Producing Improvements  
in Diets of Homemakers  
*Field of Specialization*: Home Economics
- Harriet Jane Rudolph, Columbus  
B.S. (University of Arkansas)  
*Dissertation*: A Rhetorical Analysis of Robert F. Kennedy's  
University Addresses in South Africa, June, 1966  
*Field of Specialization*: Speech Communication
- Jesse Colvin Ryles, Lexington, Ky.  
B.S. in M.E. (University of Kentucky); M.S.  
*Dissertation*: Optimal Estimation of Angular Misalignment  
*Field of Specialization*: Electrical Engineering
- Allan Peter Sather, Edmonton, Alta., Canada  
B.S. Agr. (University of Alberta, Canada); M.S.  
*Dissertation*: Monte Carlo Simulation of Genetic Drift  
in Finite Populations Undergoing Selection  
*Field of Specialization*: Animal Science

- Thomas Charles Sawyer, Worthington  
B.A., M.A.  
*Dissertation*: The Mass Communication Roles of the Republican National Chairman in the 1972 Campaign  
*Field of Specialization*: Speech Communication
- Christine Grace Schultz, Columbus  
A.B. (MacMurray College); M.S. in Edu. (Northern Illinois University)  
*Dissertation*: Sociopathic and Non-Sociopathic Female Felons  
*Field of Specialization*: Sociology
- Larry Allan Seitz, Cleveland  
B.S.Phys., M.A.  
*Dissertation*: Towards a Selection and Admissions Model: Predicting Academic Success in Veterinary School  
*Field of Specialization*: Education
- Sin-Yan Shen, Singapore  
B.Sc. (University of Singapore); M.S.  
*Dissertation*: Surface Second Sound in Superfluid Helium  
*Field of Specialization*: Physics
- Linda Ruth Shockey, Columbus  
B.A.  
*Dissertation*: Phonetic and Phonological Properties of Connected Speech  
*Field of Specialization*: Linguistics
- Paul Alexander Shoemaker, Bourneville  
B.S.Ed. (Ohio University); M.A.  
*Dissertation*: Current Issues in Adult Distributive Education in Ohio  
*Field of Specialization*: Education
- Gerald Paul Smeyak, Columbus  
B.F.A. (Ohio University); M.A.  
*Dissertation*: The History and Development of Broadcasting in Guyana, South America  
*Field of Specialization*: Speech Communication
- Ronald Cabot Smith, Athens, Ga.  
B.S.A., M.S. (University of Georgia)  
*Dissertation*: Evaluation of an Introductory College Level Course in Landscape Horticulture  
*Field of Specialization*: Horticulture
- Dean David Sommers, Walled Lake, Mich.  
B.S. (Huntington College); M.S.  
*Dissertation*: A Study of Selected Factors Predictive of Success in Calculus at Hope College  
*Field of Specialization*: Education
- Madeleine Frome Speiss, Columbus  
B.A. (Hofstra College)  
*Dissertation*: The Effect of Four Communication Variables on the Utilization of Evaluation Conclusions in Decision Making  
*Field of Specialization*: Education
- Paul Warren Springer, North Madison  
B.A. (Ohio Wesleyan University); M.S.  
*Dissertation*: The Effects of Extrusion on the Molecular and Rheological Properties of General-Purpose Polystyrene  
*Field of Specialization*: Chemical Engineering
- Gary Stuart Stacey, Columbus  
B.S. (University of Maryland)  
*Dissertation*: The Allocation of Resources in Municipal Fire Protection  
*Field of Specialization*: Economics
- Albert Paul Steiner, Jr., Indianapolis, Ind.  
A.B. (Saint Meinrad Seminary); M.S. (Butler University)  
*Dissertation*: The Vingtivirate During the Empire  
A Study of the Epigraphical Evidence  
*Field of Specialization*: Classics
- Arthur Paul Stokes, Urbana  
B.S. in Jour., M.A.  
*Dissertation*: Daniel Alexander Payne: Churchman and Educator  
*Field of Specialization*: History
- Charles Porter Stone, Jr., Worthington  
B.A. (University of Minnesota); M.S. (Colorado State University)  
*Dissertation*: Phenetic Variation of Breeding Red-Winged Blackbirds in Ohio  
*Field of Specialization*: Zoology
- Durward Lee Sudduth, Columbus  
B.S.Ed., M.A.  
*Dissertation*: An Analysis of Observer and Participant Agreement Using the Flanders' System of Interaction Analysis for Observing Classroom Verbal Behavior  
*Field of Specialization*: Education
- Janet Amine Sumida, Honolulu, Hawaii  
Ed.B., M.Ed. (University of Hawaii)  
*Dissertation*: A Manual of Guidelines for Development and Implementation of The Hawaii Department of Education Statewide Assessment System Within the Systems Framework of the Foundation Program Assessment and Improvement System (FPAIS)  
*Field of Specialization*: Education
- Linda Haas Tarr, Miami Beach, Fla.  
B.A. (University of Pennsylvania); M.A.  
*Dissertation*: The Relationship of Parental Variables to Sex Role Attitudes and Identity in Late Adolescents  
*Field of Specialization*: Psychology
- Tsong-Po Tsai, Chia-Yi, Taiwan  
B.S., M.S. (National Taiwan University)  
*Dissertation*: Identification of an Elastic Half-Space and Layered-Systems by Heated Punches  
*Field of Specialization*: Engineering Mechanics
- Chyau Tuan, Tainan, Taiwan  
B.S. (Taiwan Provincial Chung Hsing University); M.S.  
*Dissertation*: Determinants of Financial Savings in Farmers' Associations in Taiwan 1960 - 1970  
*Field of Specialization*: Agricultural Economics and Rural Sociology
- Lorne John Verabioff, Napanee, Ont., Canada  
B.A., B.P.H.E. (Queen's University, Canada); M.S. (University of Michigan)  
*Dissertation*: The Effect of Different Post Knowledge of Results Intervals and Interpolated Verbal Activity on Performance and Retention of a Motor Skill  
*Field of Specialization*: Physical Education



Samuel Emlen Walker, Omaha, Neb.  
 A.B. (University of Michigan); M.A. (University of Nebraska)  
*Dissertation*: Terence Powderly, "Labor Mayor":  
 Workingmen's Politics in Scranton, Pennsylvania,  
 1870-1884  
*Field of Specialization*: History

James Dwight Walter, Mayfield Heights  
 B.A. (Kent State University); M.A. (Indiana State University)  
*Dissertation*: Police in the Middle: Police Intervention  
 in Domestic Disputes  
*Field of Specialization*: Sociology

Thomas Joseph Wegren, Chicago, Ill.  
 B. of Mus. (DePaul University); M.A.  
*Dissertation*: The Solo Piano Music of Gabriel Fauré  
*Field of Specialization*: Music

Randall Lee Wells, Charleston, W. Va.  
 B.S. (Morris Harvey College); M.A. (Marshall University)  
*Dissertation*: The Usefulness of an *Innovations Evaluation*  
*Guide to Administrators and Teacher Educators in*  
*Vocational and Technical Education*  
*Field of Specialization*: Education

Carol Mieke Werner, Northfork, Id.  
 B.A. (Raymond College, University of the Pacific); M.A.  
*Dissertation*: Responsiveness and Communication Medium  
 in Dyadic Interactions.  
*Field of Specialization*: Psychology

Charles Victor Anthony White, Columbus  
 B.A., M.S. (University of Connecticut)  
*Dissertation*: Supply Response and Interregional  
 Competition in the Midwest Dairy Industry: An  
 Econometric Analysis  
*Field of Specialization*: Agricultural Economics and  
 Rural Sociology

Bruce Wendell Wieland, Columbus  
 B.S.M.E. (Iowa State College)  
*Dissertation*: Development and Evaluation of Facilities for  
 the Efficient Production of Compounds Labeled with  
 Carbon-11 and Oxygen-15 at the Washington University  
 Medical Cyclotron  
*Field of Specialization*: Nuclear Engineering

William Erwin Winkler, East Grand Rapids, Mich.  
 B.S. (Michigan State University)  
*Dissertation*: Contributions to the Theory of Markov Chains  
*Field of Specialization*: Mathematics

Joseph Kazimierz Winsen, Newcastle, Australia  
 B.Com., M.Com. (University of Newcastle, Australia);  
 M.A.  
*Dissertation*: Investor Behavior, Stock Market Efficiency  
 and Publicly Available Information  
*Field of Specialization*: Accounting

James Russell Wisner, Jr., Oakland, Calif.  
 B.A. (University of California, Berkeley)  
*Dissertation*: Androgen Biosynthetic Capabilities of  
 Isolated, Seminiferous Tubules, Interstitial and Whole  
 Testis Tissues of Normal and Cryptorchid Rats  
*Field of Specialization*: Dairy Science

Thomas Francis Woods, Columbus  
 B.S., M.A. (John Carroll University)  
*Dissertation*: Dryden and the Prophetic Mode: An  
 Examination of his Poetic Theory and Practice in Light of  
 Seventeenth-Century Concepts of Prophecy  
*Field of Specialization*: English

## Certificate of Specialist In Latin American Studies

One candidate

\*Romas Benedict Cejauskas,  
Omaha, Neb.  
B. Arch. (University of Nebraska)

## Master of Accounting

Three candidates

Anthony Francis Hoydilla,  
Meriden, Conn.  
B.A. (University of Connecticut)  
*Field of Specialization*: Accounting

William Donaldson Pectol,  
Kingsport, Tenn.  
B.S. (Clemson University)  
*Field of Specialization*: Accounting

James Francis Saltzman, Columbus  
A.B. (Indiana University)  
*Field of Specialization*: Accounting

## Master of Architecture

Five candidates

John Franklin Hedge, Jr.,  
Worthington  
B.Arch.  
*Field of Specialization*: Architecture

Edward Alan Kozlowski,  
Naugatuck, Conn.  
B.Arch. (Ohio University)  
*Field of Specialization*: Architecture

Gun-Young Lee, Seoul, Korea  
B.S.E., M.S.E. (Seoul National  
University)  
*Field of Specialization*: Architecture

Michael Andrew Liscano, Columbus  
B.Arch. (University of Notre Dame)  
*Field of Specialization*: Architecture

David Schackne, Jr., Columbus  
B.Arch.  
*Field of Specialization*: Architecture

## Master of Arts

One hundred and seventy-two candidates

Yair Abraham, Hod Hasharon, Israel  
B.A. (Hebrew University of  
Jerusalem)  
*Field of Specialization*: Psychology

Judith Davis Abruzzo, Columbus  
A.B. (University of Michigan)  
*Field of Specialization*: Education

Michael Hackney Adams, Columbus  
B.A.  
*Field of Specialization*: Education

Jane Phillips Allyn, Chillicothe  
B.S.Ed. (Ohio University); M.A.  
*Field of Specialization*: English

Kathleen Phillips Allyn, Chillicothe  
A.B. (Radcliffe College)  
*Field of Specialization*: Journalism

Allan Warren Anthony, Columbus  
B.S.Ed.  
*Field of Specialization*: Education

Judith Warren Arnold, Cortland, N.Y.  
B.A. (University of New Hampshire)  
*Field of Specialization*: Sociology

Virginia Weaver Artz, Hebron  
B.S.Ed.  
*Field of Specialization*: Education

Howard Ian Atkins, New York, N.Y.  
B.S. (City University of New York)  
*Field of Specialization*: Economics

Bonnie Osenbaugh Baker,  
San Jose, Calif.  
B.S., M.B.A. (San Jose State College)  
*Field of Specialization*: Anthropology

Betsy Eileen Bayha, Adrian, Mich.  
B.A. (Oakland University)  
*Field of Specialization*: Public  
Administration

Samuel Herbert Beckley,  
Reynoldsburg  
B.S.Ed. (Ohio Northern University)  
*Field of Specialization*: Physical  
Education

Barbara May Herman Beimly,  
Columbus  
A.B. (Ohio University)  
*Field of Specialization*: Slavic  
Languages

Thomas Ely Bell, Columbus  
B.S.Bus.Adm.  
*Field of Specialization*: Geography

Geneva Alford Benson, Columbus  
B.S. (Morris College)  
*Field of Specialization*: Education

Peter Anderson Bond, Columbus  
B.A.  
*Field of Specialization*: Political  
Science

Robert Henry Bonde, South Beloit, Ill.  
B.A. (Beloit College)  
*Field of Specialization*: Sociology

Rodica Ciocanelea Botoman, Columbus  
Licentiate (Pedagogical Institute of  
Bucharest, Rumania)  
*Field of Specialization*: Romance  
Languages

Karen Zimmer Brown, West Lafayette  
B.S.Ed. (Kent State University)  
*Field of Specialization*: Education

Ruth Wilson Brown, Columbus  
B.S. (Wiley College)  
*Field of Specialization*: Education

Lenita Compton Bunch, Columbus  
B.S.Ed. (Central State University)  
*Field of Specialization*: Education

Ann Janett Bush, Jackson, Tenn.  
B.S. (Tennessee Agricultural and  
Industrial State University)  
*Field of Specialization*: Political  
Science

Betty Brown Cataldi, Columbus  
B.A. (University of Kentucky)  
*Field of Specialization*: Theatre

Candis Lee Condo, Memphis, Tenn.  
B.A. (University of Cincinnati)  
*Field of Specialization*: Classics

Dennis Ray Costello,  
North Tonawanda, N.Y.  
A.B. (State University of New  
York College at Fredonia)  
*Field of Specialization*: Economics

Stuart Platt Coxhead, Jr., Columbus  
B.A. (Trinity College); B.D.  
(Episcopal Theological Seminary)  
*Field of Specialization*: Sociology

Alice Kahlenberg Coy, Columbus  
B.A. (Capital University)  
*Field of Specialization*: Education

Robert James Crackel, Owosso, Mich.  
B.A. (Western Michigan University)  
*Field of Specialization*: Romance  
Languages

Donald Albert Danielson, Jr.,  
Columbus  
B.F.A. (Ohio University)  
*Field of Specialization*: Education

Pamela Harvey Dase, Columbus  
B.S.Ed.  
*Field of Specialization*: Education

\*Carolyn Delbrugge Dawson,  
Columbus  
*Field of Specialization*: Sociology

Patricia Carlson Dege, Columbus  
B.A. (Macalester College)  
*Field of Specialization*: German

\*Also Master of City Planning, Graduate  
School

\*\*Also Bachelor of Arts, Colleges of the Arts  
and Sciences

- John Timothy Diamond, Nedrow, N.Y.  
B.A. (University of Waterloo,  
Canada)  
*Field of Specialization:* Sociology
- Anna Kalenak Doray, Worthington  
B.S.Ed.  
*Field of Specialization:* Education
- Charlene Green Dossett, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- Jeanette Heidmann Edie, Findlay  
B.S.Ed. (Capital University)  
*Field of Specialization:* Physical  
Education
- William Carson Ellis, Roanoke, Va.  
B.A. (University of Virginia)  
*Field of Specialization:* English
- Pamela Lynne Ennis, Westbury, N.Y.  
B.S. in Ed. (Central State College)  
*Field of Specialization:* Education
- Steven Charles Fazio,  
Birmingham, Ala.  
B.A. (Birmingham Southern College)  
*Field of Specialization:* Classics
- Kenneth Robert Ferris, Baltimore, Md.  
B.B.A., M.B.A. (George Washington  
University)  
*Field of Specialization:* Accounting
- Dina Sheinberg Fishman,  
Ottawa, Ont., Canada  
B.A. (Hebrew University of  
Jerusalem, Israel)  
*Field of Specialization:* :  
Communications
- Dennis Joseph Foley, Middletown  
B.S.Ind.Des.  
*Field of Specialization:* Design
- Mary Margaret Fonow, Steubenville  
A.B. (Ohio University)  
*Field of Specialization:* Sociology
- Mary Ellen Forrester, Columbus  
B.S.Ed.  
*Field of Specialization:* English
- Daniel Jay Friedman, Columbus  
B.A. (Antioch College)  
*Field of Specialization:* Psychology
- Kenneth Jay Gerhardt, Mt. Gilead  
B.S.Ed.  
*Field of Specialization:* :  
Communications
- Robert Alfred Gervasi, Holiday, Fla.  
B.A. (Xavier University)  
*Field of Specialization:* Classics
- Marion Frances Gillis, Plainfield  
B.A. (Newark State College)  
*Field of Specialization:* Education
- Donald Ray Goldberg, Cleveland  
B.A.  
*Field of Specialization:* Public  
Administration
- Sharon Rae Goldberg, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- Jay S. Goodell, Columbus  
B.A. (Ohio Wesleyan University)  
*Field of Specialization:* Economics
- Margaret Sievert Goodlin, Carroll  
B.A. (Wittenberg University)  
*Field of Specialization:* East Asian  
Languages
- Margaret Kinsey Goodman, Columbus  
B. of Music (Eastern Nazarene  
College)  
*Field of Specialization:* Journalism
- James Thomas Grant, Jr.,  
Reynoldsburg  
A.B. (University of Missouri)  
*Field of Specialization:* Journalism
- Joy Chamberlain Grant, Newark, N. J.  
B.A. (Glassboro State College)  
*Field of Specialization:* Education
- Russell Martin Greata,  
Beaver Falls, Pa.  
A.B. (University of Pennsylvania)  
*Field of Specialization:* Accounting
- Paul Alexis Griffin,  
Wellington, New Zealand  
B.C.A., B.C.A., M.C.A. (Victoria  
University of Wellington)  
*Field of Specialization:* Accounting
- William Arthur Grundemann,  
Cincinnati  
B.A.  
*Field of Specialization:* Education
- Roger Warren Hafford, Fremont  
B.A.  
*Field of Specialization:* Education
- Joseph Talbert Hairston, Worthington  
B.S.Soc.Wel., M.S.W.  
*Field of Specialization:* Public  
Administration
- David Francis Hall, Columbus  
B.A. (Reed College)  
*Field of Specialization:* Psychology
- Charles Edward Hayes, Somers, Conn.  
B.A. (Ohio Wesleyan University)  
*Field of Specialization:* Journalism
- David Cliffe Hayes, Moorabbin,  
Australia  
B.Econ. (Hons.) (Monash University,  
Australia)  
*Field of Specialization:* Accounting
- Loretta Evans Heigle, Columbus  
B.S.Ed. (Otterbein College)  
*Field of Specialization:* Education
- Linda Spiker Helzer, Norwich  
B.S.Ed.  
*Field of Specialization:* Education
- Nancy Medhurst Hertl, Worthington  
B.A.  
*Field of Specialization:* Romance  
Languages
- Lynne Elizabeth Hobstetter, Columbus  
B.S.Ed.; M.S. (State University of  
New York at Albany)  
*Field of Specialization:* Psychology
- Lawrence Nicholas Hogan, Cincinnati  
B.S. (Xavier University)  
*Field of Specialization:* :  
Communications
- Richard Le Holladay,  
San Bernardino, Calif.  
B.A. (University of California,  
Riverside)  
*Field of Specialization:* Music
- Joanne Frances Holland, Columbus  
B.A.  
*Field of Specialization:* Psychology
- Philip Wayne Hord, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- James Leslie Ingraham, Columbus  
B.S.Ed. (University of Akron)  
*Field of Specialization:* Music
- Loring Ivanick, Yonkers, N. Y.  
B.A. (New York University)  
*Field of Specialization:* German
- Dale Matthew Jakab, Cleveland  
B.A. (University of Dayton)  
*Field of Specialization:* Education
- Mary Cathey Jenkins, Martin, Tenn.  
B.S. (University of Tennessee)  
*Field of Specialization:* Anthropology
- Ruth Clement Jenkins, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- Martin Dale Johnson, Pataskala  
B.S.Ed. (Ohio University)  
*Field of Specialization:* Physical  
Education
- William Bruce Johnson,  
Myrtle Creek, Ore.  
B.S. (University of Oregon)  
*Field of Specialization:* Accounting

- Barry Travis Jones, LaMesa, Calif.  
A.B. (San Diego State College)  
*Field of Specialization*: Psychology
- Tamara House Juba, Columbus  
B.A.  
*Field of Specialization*: Political Science
- Ronald Jay Karpf, New Brunswick, N. J.  
B.A. (University of Rochester)  
*Field of Specialization*: Psychology
- William Emerson Kilbourne, III, Columbus  
B.S.Ed.  
*Field of Specialization*: Education
- Collin Marvin Kinsey, II, East Liverpool  
B.S.Ed.  
*Field of Specialization*: Physical Education
- Virginia Elizabeth Kniesner, Cleveland  
B.M. (Kent State University)  
*Field of Specialization*: Music
- Joseph Siegfried Krzesni, San Francisco, Calif.  
B.A. (University of San Francisco)  
*Field of Specialization*: Psychology
- Karen Copp Lachat, Centerville  
B.A. (University of Kentucky)  
*Field of Specialization*: Education
- Thomas James Lando, Willows, Calif.  
B.A. (University of the Pacific)  
*Field of Specialization*: Public Administration
- Gerard Thomas Lennon, Worthington  
B.A.  
*Field of Specialization*: Public Administration
- Harriette Bassler Levy, Columbus  
B.S.Ed.  
*Field of Specialization*: Education
- Jeannie Louise Lewis, Richland, Wash.  
B.S. (University of Washington)  
*Field of Specialization*: Psychology
- Robert Richard Little, West Union  
B.A. Jour.  
*Field of Specialization*: Journalism
- Diane Josephine Lowe, Columbus  
B.A. (Northwestern University)  
*Field of Specialization*: Psychology
- Paul Clement Luken, Cincinnati  
B.A. (Quincy College)  
*Field of Specialization*: Sociology
- James Roderick Maguire, Bloomington, Ill.  
B.S. in B.A. (Drake University)  
*Field of Specialization*: Education
- Edward T. Mahr, Columbus  
B.A.  
*Field of Specialization*: Education
- Mary Hildebrand Majewski, Chicago, Ill.  
A.B. (University of Illinois)  
*Field of Specialization*: English
- Anthony Peter Mannarino, Columbus  
A.B. (Cornell University)  
*Field of Specialization*: Psychology
- Judith Marland, Washington, D.C.  
B.A. (Denison University)  
*Field of Specialization*: Anthropology
- Curtis Eugene Martin, Abbeville, S. C.  
B.S.Ed. (Ashland College)  
*Field of Specialization*: Physical Education
- Baerbel Safranek Mason, Columbus  
B.S.Ed.  
*Field of Specialization*: German
- Kathleen Jane McCormick, Springfield, Pa.  
A.B. (Mount Holyoke College)  
*Field of Specialization*: German
- Joyce Lynn McKenney, Dayton  
B.A. (Wright State University)  
*Field of Specialization*: Anthropology
- Victor Lee Miller, West Lafayette  
B.S.Ed.  
*Field of Specialization*: Education
- William Walter Miller, Canton  
B.A.  
*Field of Specialization*: History
- Hendree Brinton Milward, Lexington, Ky.  
B.A. (University of Kentucky)  
*Field of Specialization*: Public Administration
- Colleen Lily Mooney, Huntington, W. Va.  
B.A. (Marshall University)  
*Field of Specialization*: History
- John Larkin Nickerson, Columbus  
B.A. (University of San Francisco)  
*Field of Specialization*: Anthropology
- Linda Jane Otten, Springfield  
B.A. (Georgetown College)  
*Field of Specialization*: Music
- Margaret Emery Park, Columbus  
B.S. (Florida State University)  
*Field of Specialization*: Education
- Ethel Budin Parsons, Wilmington, Del.  
B.A. (University of Delaware)  
*Field of Specialization*: Sociology
- Hope Juanette Patterson, Columbus  
B.S.Ed.  
*Field of Specialization*: Education
- Clara Baker Paulus, Sidney  
B.A.  
*Field of Specialization*: Education
- Donald Pengov, Columbus  
B.S.Ed.  
*Field of Specialization*: Physical Education
- David Elwood Phillips, Miamisburg  
B.M.Ed. (Otterbein College)  
*Field of Specialization*: Music
- Ned Hansen Phillips, Berea  
B.A. (Muskingum College)  
*Field of Specialization*: Economics
- Rosie Mae Phillips, Memphis, Tenn.  
B.A. (Elmhurst College)  
*Field of Specialization*: Education
- Robert Wayne Price, Cleveland  
B.A. (Kenyon College)  
*Field of Specialization*: Economics
- Marilyn White Pritchett, Columbus  
B.A., B.S.Ed.  
*Field of Specialization*: Education
- Bonnie Eileen Pugliese, Gillette, N. J.  
B.S. (Rutgers-The State University)  
*Field of Specialization*: Physical Education
- David Harold Resler, Garrettsville  
B.A. (Muskingum College)  
*Field of Specialization*: Economics
- Christopher Knox Rich, Minneapolis, Minn.  
B.S. (Yale University)  
*Field of Specialization*: Psychology
- Suellen Lee Richmond, South Weymouth, Mass.  
B.S. (State University of New York College at Potsdam)  
*Field of Specialization*: Music
- Zoran Roca, Columbus  
Engr. (University of Zagreb, Yugoslavia)  
*Field of Specialization*: Geography
- Ruey Landis Rodman, Lancaster, Pa.  
B.A. (Marietta College)  
*Field of Specialization*: Music
- Stephen Andrew Rose, Columbus  
B.S.Ed.  
*Field of Specialization*: Education

John Joseph Ruszkiewicz,  
Maple Heights  
B.A. (Saint Vincent College)  
*Field of Specialization: English*

Susan Mary Saiter, Columbus  
A.B. (University of Michigan)  
*Field of Specialization: Journalism*

Marsha Grundemann Sales, Cincinnati  
B.S.Ed.  
*Field of Specialization: Education*

Dean Allen Sarbaugh, Dresden  
B.S.Ed. (Ohio University)  
*Field of Specialization: Education*

Frieda Kass Scaduto, Columbus  
B.S. (Midwestern University)  
*Field of Specialization: Education*

Margaret C. Schano, Columbus  
B.A. (Ohio Dominican College)  
*Field of Specialization: Education*

Philip Michael Schieber, Galion  
B.A.  
*Field of Specialization: Journalism*

Frederick Owen Schmidt, Logan  
B.S.Ed.  
*Field of Specialization: Music*

Mark Alan Schweickart, Columbus  
B.S.Ed.  
*Field of Specialization: English*

Martin Joel Shapiro,  
Kendall Park, N. J.  
B.A. (Trenton State College) ; B.S.Ed.  
*Field of Specialization: Education*

Sandra Parrish Shawhan,  
Mt. Juliet, Tenn.  
B.A. (Lambuth College)  
*Field of Specialization: Education*

Mary Jenelle Kausser Showalter,  
Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Benjamin Bell Shriver,  
Mingo Junction  
B.A.  
*Field of Specialization: English*

Neil Edward Singleton, Cleveland  
A.B. (John Carroll University)  
*Field of Specialization: Classics*

Milton Howard Sleeter, Lewisburg, Pa.  
B.Mus. (Bucknell University)  
*Field of Specialization: Music*

Mary Elisabeth Snyder,  
Bloomfield Hills, Mich.  
B.A. (Western Michigan University)  
*Field of Specialization: Education*

Roderick Vincent South, Reynoldsburg  
B.S.Ed.  
*Field of Specialization: Education*

Judith Ann Spiers, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Gayle Lloyd Stafford, Columbus  
B.A. (Ohio Dominican College)  
*Field of Specialization: Education*

Raymond H. Starrett, Tustin, Calif.  
B.A. (California State College, Long  
Beach)  
*Field of Specialization: Psychology*

Phortia Rostorfer Stevens, Pataskala  
B.S. (Rio Grande College)  
*Field of Specialization: Education*

Donna Kaessen Stewart, Columbus  
B.S. (California State Polytechnic  
College)  
*Field of Specialization: Education*

Susan Bosak Stine, Cleveland  
B.A. (Michigan State University)  
*Field of Specialization: Journalism*

Wesley Howard Sylvia, Columbus  
B.A.  
*Field of Specialization: Psychology*

Daniel Duane Taylor,  
Wilmington, Del.  
B.S.Bus. Adm. (Bowling Green State  
University)  
*Field of Specialization: Economics*

Eric Paul Trilling, Yonkers, N. Y.  
B.A. (State University of New York  
College at Plattsburgh)  
*Field of Specialization: Journalism*

Larry Lee Tucker, Warren  
B.A. (Edinboro State College)  
*Field of Specialization: Anthropology*

Gretchen Hummel Tuckerman,  
Columbus  
A.B. (Ohio University)  
*Field of Specialization: Education*

Susan Elaine Turk, Centerville, Pa.  
B.A. (Allegheny College)  
*Field of Specialization: Economics*

Diane Locey Uldricks, Worthington  
B.S.Ed.  
*Field of Specialization: Journalism*

Diana Lee Veith, Chicopee Falls, Mass.  
B.S. (University of Massachusetts,  
Amherst)  
*Field of Specialization: Psychology*

Gail Iris Walton, Cleveland  
B.S.  
*Field of Specialization: Education*

Joseph Wyrick Warren,  
Willingboro, N. J.  
B.A. (Oakwood College)  
*Field of Specialization: English*

Faythe Mays Weaver, Columbus  
B.A. (State University of New York  
College at Oswego)  
*Field of Specialization: History of Art*

Mary Waltz Weingartner, Norwich  
B.S.Ed.  
*Field of Specialization: Education*

James Michael White, Chillicothe  
B.A. (Miami University)  
*Field of Specialization: Sociology*

Mary Hatcher Wideman, Bellefontaine  
B.S.Ed.  
*Field of Specialization: Education*

Suzanne Wigert, St. Louis, Mo.  
B.S. (Washington University)  
*Field of Specialization: Sociology*

Janet Lynn Williams, Ravenna  
B.S.Nurs. (Kent State University)  
*Field of Specialization: Physical  
Education (Health Education)*

Katherine Susanna Williams,  
Bethesda, Md.  
B.A. (University of Alabama)  
*Field of Specialization: Sociology*

Max Dale Windham, Westerville  
B.A. (Hardin-Simmons University)  
*Field of Specialization: Education*

Albert Wolfram,  
Altmunster, Austria  
Diplom-Kaufmann (Vienna School of  
Economics and Business  
Administration)  
*Field of Specialization: Economics*

Mary Riedl Wozny, Lockbourne AFB  
B.A. (Marquette University)  
*Field of Specialization: Education*

Joseph Eugene Wright, Massillon  
B.A.  
*Field of Specialization: Sociology*

Robert Charles Wurnstedt,  
Pepper Pike  
B.S. in Bus. Adm. (University of  
Arizona)  
*Field of Specialization: Journalism*

Diane Elizabeth Yassenoff, Columbus  
B.A.  
*Field of Specialization: Education*

Patricia Long Zimmerman, Newark  
B.S.Ed.  
*Field of Specialization: Education*

## Master of Business Administration

Twenty-six candidates

Karl Randall Auker, Columbus  
B.S.Bus.Adm. (University of Akron)  
*Field of Specialization:* Business Administration

Bruce John Bond, Hudson  
B.S. (Miami University)  
*Field of Specialization:* Business Administration

Kenneth James Foley, Liverpool, N. Y.  
B.S.A.A.E. (Purdue University)  
*Field of Specialization:* Business Administration

Christopher James Handel,  
Chagrin Falls  
B.S.M.E. (Purdue University)  
*Field of Specialization:* Business Administration

Michael Francis Hogan, Garrettsville  
B.A., B.S.Ed.  
*Field of Specialization:* Business Administration

Phillip Clifford Houlette, Columbus  
B.S.Bus.Adm.  
*Field of Specialization:* Business Administration

Nancy Marie Huisman,  
Indianapolis, Ind.  
B.S. (Purdue University)  
*Field of Specialization:* Business Administration

<sup>1</sup>Philip George Knowles, Akron  
B.Ch.E.  
*Field of Specialization:* Business Administration

James Dean Milby, Steubenville  
B.S.Bus.Adm.  
*Field of Specialization:* Business Administration

Alex Milli, Columbus  
B.S.Bus.Adm.  
*Field of Specialization:* Business Administration

Irvin Howard Moscovitz, Dayton  
B.S.Bus. (Miami University)  
*Field of Specialization:* Business Administration

Robert Larry Mueller, Columbus  
B.S.Bus.Adm.  
*Field of Specialization:* Business Administration

Souhail Nassib Nemer, Akron  
B.A. (Hartwick College); M.A.  
*Field of Specialization:* Business Administration

Peter Michael Oldani, Unionville  
B.Mech.E. (University of Detroit)  
*Field of Specialization:* Business Administration

Charles Benjamin Patterson,  
Columbus  
B.S.  
*Field of Specialization:* Business Administration

Felipe Jaime Penaredonda,  
New York, N. Y.  
Ingeniero-Quinico (Universidad Nacional de Colombia)  
*Field of Specialization:* Business Administration

James Eric Petticrew, New Carlisle  
B.S.C.I.S.  
*Field of Specialization:* Business Administration

Andrew Walter Prout, III, Columbus  
A.B. (Duke University)  
*Field of Specialization:* Business Administration

Robert Norman Redella, Cincinnati  
B.S.C.E. (University of Cincinnati)  
*Field of Specialization:* Business Administration

Joseph Raymond Rodriguez, Jr., Lima  
B.S. (Rose Polytechnic Institute)  
*Field of Specialization:* Business Administration

Neil George Siebenhar, Columbus  
B.S.A.A.E.  
*Field of Specialization:* Business Administration

Jeffrey Stephen Stein, Beachwood  
B.S.Bus. (Miami University)  
*Field of Specialization:* Business Administration

Frank Joseph Tate, Columbus  
B.S.Bus.Adm.  
*Field of Specialization:* Business Administration

Stephen Wagner, Columbus  
B.S.Bus.Adm.  
*Field of Specialization:* Business Administration

Larry Frederick Zimmerman,  
Columbus  
B.S.Bus.Adm.  
*Field of Specialization:* Business Administration

John Nolan Zinsmaster, Bryan  
B.S.Bus.Adm.  
*Field of Specialization:* Business Administration

## Master of City Planning

Eight candidates

John Ray Allen, New Concord  
B.A. (Muskingum College)  
*Field of Specialization:* City and Regional Planning

<sup>\*\*</sup>Romas Benedict Cejauskas,  
Omaha, Neb.  
B.Arch. (University of Nebraska)  
*Field of Specialization:* City and Regional Planning

John Sieder Ohlson, Springfield, N. J.  
B.A. (University of Oklahoma)  
*Field of Specialization:* City and Regional Planning

Matthew Walter Prishby, Venetia, Pa.  
B.S. (Pennsylvania State University)  
*Field of Specialization:* City and Regional Planning

<sup>\*</sup>Ronald Stewart Rybak, Columbus  
B.A.  
*Field of Specialization:* City and Regional Planning

Christopher Alan Schaefer, Toledo  
B.A. (Miami University)  
*Field of Specialization:* City and Regional Planning

<sup>\*</sup>Stanley David Sells, Columbus  
B.A.  
*Field of Specialization:* City and Regional Planning

Douglas Ross Wiegand,  
Minneapolis, Minn.  
B.A. (University of Minnesota)  
*Field of Specialization:* City and Regional Planning

## Master of Fine Arts

Four candidates

Warren Drake Bartholomew,  
Columbus  
B.F.A.  
*Field of Specialization:* Fine Arts (Painting)

Judith Ann Davids, Columbus  
B.A. (Cornell College)  
*Field of Specialization:* Fine Arts (Sculpture)

Michael Robert Seiler, Columbus  
B.F.A.  
*Field of Specialization:* Fine Arts (Painting)

<sup>1</sup> Also Master of Science, Graduate School  
<sup>\*\*</sup> Also Master of Social Work, Graduate School  
<sup>\*\*</sup> Also Certificate of Specialist in Latin American Studies, Graduate School

Philip Ray Warner, Columbus  
B.A.  
*Field of Specialization*: Theatre

## Master of Music

Two candidates

Marsha Gay Stewart Phillips,  
Columbus  
B.S.Ed.  
*Field of Specialization*: Music

Susan Jeanne Woodard, Columbus  
B.A. (Adelphi University)  
*Field of Specialization*: Music

## Master of Science

One hundred and fifty-nine candidates

James Bruce Achmoody, Columbus  
A.B. (Asbury College)  
*Field of Specialization*: Botany

Marjorie Smith Anderson,  
Hanahan, S. C.  
B.S. (University of South Carolina)  
*Field of Specialization*: Nursing

Lee Ross Andre, Wauseon  
B.S.M.E. (University of Toledo)  
*Field of Specialization*: Mechanical  
Engineering

George Antwi-Boateng,  
Kumasi, Ghana  
B.S. (University of Science and  
Technology, Ghana)  
*Field of Specialization*: Metallurgical  
Engineering

Vasken Boghos Aprahamian,  
Ainjar, Lebanon  
B.S. (American University of Beirut)  
*Field of Specialization*: Food Science  
and Nutrition

Jack Robert Arney, La Crescent, Minn.  
B.S. (Wisconsin State University)  
*Field of Specialization*: Computer and  
Information Science

Opas Arpornchayanon,  
Chiangmai, Thailand  
B.Eng. (Chulalongkorn University)  
*Field of Specialization*: Civil  
Engineering

Susan Jones Ball, Parma  
B.A. (Ohio Wesleyan University)  
*Field of Specialization*: Mathematics

David Carr Bell, Cleveland  
A.B. (University of Michigan)  
*Field of Specialization*: Computer and  
Information Science

Amin Farid Bishara, Columbus  
B.E.E.  
*Field of Specialization*: Electrical  
Engineering

Maureen Annette Blankenberger,  
Cynthiana, Ind.  
B.S. (Purdue University)  
*Field of Specialization*: Home  
Economics

Kathleen Grybos Hockbrader,  
Youngstown  
B.S.H.E.  
*Field of Specialization*: Home  
Economics

Elaine Murphy Bolzan,  
Rochester, N. Y.  
A. B. (Oberlin College)  
*Field of Specialization*: Mathematics

James Francis Brady, Scott  
B.S.I.E.  
*Field of Specialization*: Industrial  
Engineering

Viswanathan Naganathan Bringi,  
Bombay, India  
B.Tech.E.E. (Indian Institute of  
Technology)  
*Field of Specialization*: Electrical  
Engineering

Lawrence LeRoy Brownley, Columbus  
B.A. (Vanderbilt University)  
*Field of Specialization*: Mathematics

Guy Capaldo, Dayton  
B.E.E. (University of Dayton)  
*Field of Specialization*: Electrical  
Engineering

Bryson Reed Carter, Gallipolis  
B.S.Agr.  
*Field of Specialization*: Agricultural  
Education

Kay Frances Carter, St. Louis, Mo.  
B.S. in P.T. (Saint Louis University)  
*Field of Specialization*: Allied  
Medicine

Kathleen Yacobozzi Cassandra,  
Amherst  
B.S.Nurs.  
*Field of Specialization*: Nursing

HaiSoon Cho Chai, Seoul, Korea  
B.Pharm. (Ewha Women's  
University)  
*Field of Specialization*: Pharmacy

Young Gui Chai, Seoul, Korea  
B.S. (Seoul National University)  
*Field of Specialization*: Electrical  
Engineering

Ronald Stephen Chemistruck,  
Albuquerque, N. M.  
B.S.E.E. (University of Hawaii)  
*Field of Specialization*: Nuclear  
Engineering

Sun-I Chen, Taipei, Taiwan  
B.S. (Chung Cheng Institute of  
Technology); M.S. (National  
Tsinghua University)  
*Field of Specialization*: Chemical  
Engineering

Chyau-Bin Grace Chou,  
Kao Hsiung, Taiwan  
B.S. (Taiwan Province Chung-Hsing  
University)  
*Field of Specialization*: Genetics

Carlos Jose Chua, Manila, Philippines  
B.S. (University of the Philippines)  
*Field of Specialization*: Mathematics

Steven Dean Clapham, Worthington  
B.Cer.E.  
*Field of Specialization*: Ceramic  
Engineering

James Gregory Clark, Columbus  
B.S.Agr.  
*Field of Specialization*: Animal  
Science

Cynthia Hartley Cochran, Columbus  
B.S.H.E.  
*Field of Specialization*: Home  
Economics

Bonnie Bosworth Coe, Fredericktown  
B.S.  
*Field of Specialization*: Allied  
Medicine

Alan Dale Cook, Newark  
B.S.Agr.  
*Field of Specialization*: Horticulture

Robert Franklin Cook, Urbana, Ill.  
B.S. (University of Illinois)  
*Field of Specialization*: Aeronautical  
and Astronautical Engineering

Edward Beekman Cooper, Jr.,  
Columbus  
B.S. (Wake Forest University)  
*Field of Specialization*: Computer and  
Information Science

Kenneth William Coryell,  
Chagrin Falls  
B.S.W.E.  
*Field of Specialization* : Welding  
Engineering

Charles Nicholas Costakos, Columbus  
B.A.  
*Field of Specialization* : Computer and  
Information Science

John Duffy De Walt, Columbus  
B.S.  
*Field of Specialization* : Pathology

James Stockley Diehl, Columbus  
B.S.Nutrition  
*Field of Specialization* : Animal  
Science

Gary Patrick Dimenna, Columbus  
B.S.  
*Field of Specialization* : Dairy Science

Nancy Loeprich Drake, Worthington  
B.S.Nurs. (University of Michigan)  
*Field of Specialization* : Nursing

Curt Summers Dunham, Columbus  
B.S.Agr.  
*Field of Specialization* : Agricultural  
Education

John Leslie Elson, II, Versailles  
B.I.E.  
*Field of Specialization* : Industrial  
Engineering

James Earl Emery, Ithaca, Mich.  
B.S. (Michigan State University)  
*Field of Specialization* : Computer and  
Information Science

Richard Walter Emmert, Cincinnati  
M.E. (University of Cincinnati)  
*Field of Specialization* : Industrial  
Engineering

William McKenzie Falls, Muncie, Ind.  
B.A. (Hanover College)  
*Field of Specialization* : Anatomy

Kathleen Elsie Fia, Columbus  
B.S.Nurs. (Saint John College of  
Cleveland)  
*Field of Specialization* : Nursing

Jo Ellen Hitch Force, Columbus  
B.S. (Iowa State University)  
*Field of Specialization* : Natural  
Resources

Alice Messeloff Fraenkel, Columbus  
A.B. (Radcliffe College); A.M.  
(Columbia University)  
*Field of Specialization* : Genetics

Julia Bever George, Dayton  
B.S.Nurs. (University of Cincinnati)  
*Field of Specialization* : Nursing

\*Timothy Dale Gerber, Brecksville  
*Field of Specialization* : Agronomy

Sheri Ann Gilbert, East Meadow, N. Y.  
B.S.  
*Field of Specialization* : Microbiology

Saulius Antanas Girnius,  
Boston, Mass.  
A.B. (Case Western Reserve  
University)  
*Field of Specialization* : Mathematics

Anne Jean Goetz, Tiffin  
B.S. (University of Miami)  
*Field of Specialization* : Nursing

Barbara Furst Gormley, Columbus  
B.S. (Cornell University)  
*Field of Specialization* : Home  
Economics

Edward Lynn Grau, Sunbury  
B.S.A.A.E.  
*Field of Specialization* : Aeronautical  
and Astronautical Engineering

Peggy Limehouse Gray, Columbus  
B.S.Nurs. (University of Virginia)  
*Field of Specialization* : Nursing

Andrew David Griffith,  
Ellicott City, Md.  
B.S.E. (Johns Hopkins University)  
*Field of Specialization* : Computer  
and Information Science

Sylvia Daina Grislis, Park Ridge, Ill.  
B.S. (University of Illinois)  
*Field of Specialization* : Computer  
and Information Science

Dennis Porter Grose, Chesire  
B.S. (Marietta College)  
*Field of Specialization* : Industrial  
Engineering

Jean Ann Grubb, North Canton  
B.S.  
*Field of Specialization* : Animal  
Science

John Earl Gruss, Columbus  
B.S.Agr.  
*Field of Specialization* : Animal  
Science

Debra Blaylock Hanes,  
Indianapolis, Ind.  
B.A. (Marian College)  
*Field of Specialization* : Home  
Economics

Robert Thomas Harp, Greenville  
B.S.Agr.  
*Field of Specialization* : Agricultural  
Education

David Harrison Hoffmeister,  
North Olmsted  
B.I.E.  
*Field of Specialization* : Industrial  
Engineering

Bruce David Hulman, Dayton  
B.S.  
*Field of Specialization* : Geology

Diane Peiniger Jansson, Columbus  
B.S.Nurs. (Loyola University)  
*Field of Specialization* : Nursing

Jeanette Jones, Fort Valley, Ga.  
B.S. (Fort Valley State College)  
*Field of Specialization* : Botany

Joseph Eugene Justin, Woodbury, N.J.  
B.S. (United States Air Force  
Academy)  
*Field of Specialization* : Aeronautical  
and Astronautical Engineering

\*\*Dennis John Justus, Columbus  
*Field of Specialization* : Mechanical  
Engineering

Shao-Hui Kao, Pen Chiao, Taiwan  
B.S. (National Taiwan University)  
*Field of Specialization* : Genetics

Moses Karakouzian, Blacksburg, Va.  
B.E. (American University of Beirut,  
Lebanon)  
*Field of Specialization* : Civil  
Engineering

Marjorie Wood Kauffman,  
Greenville, S.C.  
B.S. (Bob Jones University)  
*Field of Specialization* : Home  
Economics

Jack William Kelley, Botkins  
B.S.A. (Purdue University)  
*Field of Specialization* : Animal  
Science

Yung Soo Kim, Seoul, Korea  
D.D.S., M.D.S., Ph.D. (Seoul  
National University)  
*Field of Specialization* : Dentistry

George Philip Kinstle, Mansfield  
B.S. (University of Notre Dame)  
*Field of Specialization* : Chemistry

Konrad Thomas Kmetz, Lakewood  
B.S. (Ohio University)  
*Field of Specialization* : Plant  
Pathology

† Philip George Knowles, Akron  
B.Ch.E.  
*Field of Specialization* : Chemical  
Engineering

\* Also Bachelor of Science in Agriculture,  
College of Agriculture and Home Economics  
\*\* Also Bachelor of Mechanical Engineering,  
College of Engineering  
† Also Master of Business Administration,  
Graduate School



Jeffrey Roland Kreutzberg, Columbus  
B.S.All'd.Hlth.Prof.  
*Field of Specialization: Allied  
Medicine*

Linda Sue Lamb, Canal Winchester  
B.S.  
*Field of Specialization: Horticulture*

Rae Wynelle Langford, Houston, Tex.  
B.S. (Texas Woman's University)  
*Field of Specialization: Nursing*

Donna Drury Larson, Delaware  
B.A. (Ohio Wesleyan University)  
*Field of Specialization: Botany*

David Bruce Lause, Delphos  
B.S. (Ohio Northern University)  
*Field of Specialization: Anatomy*

Richard Kwok-Keung Law,  
Hong Kong  
A.B. (University of California,  
Berkeley)  
*Field of Specialization: Chemical  
Engineering*

Yong Han Lee, Seoul, Korea  
B.S. (Seoul National University)  
*Field of Specialization: Electrical  
Engineering*

Beverly Bowers Lenahan, Hudson  
B.S.Nurs.  
*Field of Specialization: Nursing*

Danny Lewis Levine, Winnipeg  
Man., Canada  
B.S.M.E. (University of Manitoba)  
*Field of Specialization: Metallurgical  
Engineering*

Donald Ray Lewis, Findlay  
A.B. (Wilmington College)  
*Field of Specialization: Entomology*

Benjamin Lloyd Lichtin, Cincinnati  
B.A. (University of Cincinnati)  
*Field of Specialization: Mathematics*

Tzong-Yau Lin, Taipei, Taiwan  
B.S. (National Tsing Hua University)  
*Field of Specialization: Nuclear  
Engineering*

Ming-Ru Liu, Taipei, Taiwan  
B.Sc. (National Taiwan Normal  
University)  
*Field of Specialization: Mathematics*

Ting-Chung Lo, Hong Kong  
B.S. (Wisconsin State University)  
*Field of Specialization: Computer  
and Information Science*

Larry P. Lokai, Springfield  
B.S.Agr.  
*Field of Specialization: Agricultural  
Education*

Dennis William Lynch, Cincinnati  
A.B. (University of Cincinnati)  
*Field of Specialization: Zoology*

Margaret Rolosen Maloon, Columbus  
B.S.Nurs.  
*Field of Specialization: Nursing*

Ramakant Hasmukhlal Mandalaywala,  
Gujarat, India  
B.Tech. (Indian Institute of  
Technology)  
*Field of Specialization: Electrical  
Engineering*

Delores Ann Marik, Garfield Heights  
A.B. (Indiana University)  
*Field of Specialization: Computer  
and Information Science*

Zilda Paes de Barros Mattos,  
Sao Paulo, Brazil  
Engenheiro-Agronomo (Universidade  
de Sao Paulo, Brazil)  
*Field of Specialization: Agricultural  
Economics and Rural Sociology*

Arthur Newell Maupin, Coshocton  
B.S.Ch.E. (Michigan Technological  
University)  
*Field of Specialization: Chemical  
Engineering*

Bonita Arline McIntosh, Youngstown  
B.S.  
*Field of Specialization: Mathematics*

Paul Brian McMahan, Larue  
B.S.I.E.  
*Field of Specialization: Industrial  
Engineering*

Mukul Mohanlal Mehta, Bombay, India  
B.Chem.Eng. (University of  
Bombay); M.S.  
*Field of Specialization: Statistics*

Joseph Steve Mikols, Midland, Mich.  
B.S.M.E. (Michigan College of  
Mining and Technology)  
*Field of Specialization: Welding  
Engineering*

Christine Lee Minor, Eugene, Ore.  
B.A. (University of Oregon)  
*Field of Specialization: Computer  
and Information Science*

Gary Elwood Moore, Beverly  
B.S. (Tarleton State College)  
*Field of Specialization: Agricultural  
Education*

Lynn Ellen Morris, Pittsburgh, Pa.  
B.A. (Case Western Reserve  
University)  
*Field of Specialization: Natural  
Resources*

Natarajan Neelakantan,  
Tamilnadu, India  
B. Tech. (Indian Institute of  
Technology)  
*Field of Specialization: Electrical  
Engineering*

\*Kathleen Alison Neverman, Solon  
*Field of Specialization: Computer  
and Information Science*

John Allen Nikora, Amherst  
B.S. (Baldwin-Wallace College)  
*Field of Specialization: Chemistry*

Carlos Alberto Nolasco,  
Rio de Janeiro, Brazil  
Diploma (Universidade Federal  
Fluminense, Brazil)  
*Field of Specialization: Metallurgical  
Engineering*

Nancy Jean Noonan, Rocky River  
B.S. (University of Dayton)  
*Field of Specialization: Home  
Economics*

Susan Tarantur Outtersen,  
Urbana, Ill.  
B.A. (Northwestern University)  
*Field of Specialization: Mathematics*

Samuel Charles Palumbo, Jr.,  
Columbus  
B.S.  
*Field of Specialization: Mathematics*

Rhea Samuel Peden, New Albany, Ind.  
B.S. (Ball State University)  
*Field of Specialization: Computer and  
Information Science*

Michael Joseph Piccardo,  
Sunnyvale, Calif.  
B.S. (University of Santa Clara)  
*Field of Specialization: Computer and  
Information Science*

Marie Ploeger Prins, Columbus  
B.S. (University of Minnesota)  
*Field of Specialization: Electrical  
Engineering*

William Edward Ratz, Columbus  
B.A. (Miami University); M.S.  
*Field of Specialization: Industrial  
Engineering*

Alan Kent Reichert, Columbus  
B.S. in Bus. (Miami University)  
*Field of Specialization: Agricultural  
Economics and Rural Sociology*

Mary Kathryn Reinhard, Dublin  
B.S.Agr.  
*Field of Specialization: Animal  
Science*

\*Also Bachelor of Arts, Colleges of the Arts  
and Sciences

John McCune Rice, Euclid  
B.S.  
*Field of Specialization: Microbiology*

Lawrence Thomas Ricer, Jr.,  
Jerusalem  
B.S. Agr.  
*Field of Specialization: Agricultural  
Education*

Preston Purdy Richmond, Belpre  
O.D.  
*Field of Specialization: Optometry  
(Physiological Optics)*

Mary Jean Rickenberg, Napoleon  
B.S.Ed. (Bowling Green State  
University)  
*Field of Specialization: Home  
Economics*

Timothy Lee Riley, Frazeeburg  
B.S. (Muskingum College)  
*Field of Specialization: Civil  
Engineering*

Suemma Risley, Columbus  
B.S.Nurs.  
*Field of Specialization: Nursing*

Martha Sue Finkel Rock, Zanesville  
B.S. (Alderson-Broadbuss College)  
*Field of Specialization: Nursing*

Yea Sang, Taipei, Taiwan  
B.S. (National Taiwan University)  
*Field of Specialization: Medical  
Microbiology*

Philip Loren Sannes, North Canton  
B.A.  
*Field of Specialization: Anatomy*

Bryan Wilfred Schurle, Green, Kan.  
B.A. (Kansas State Teachers College)  
*Field of Specialization: Computer and  
Information Science*

Frederic Clifton Schwartz, Fairborn  
B.S. (Florida Institute of Technology)  
*Field of Specialization: Industrial  
Engineering*

Alfred Pak-Quan Shen, Hong Kong  
B.S. (Saint Edwards University  
and Maryhill College)  
*Field of Specialization: Zoology*

Maureen Alexa Sherer,  
Indianapolis, Ind.  
B.S. (Purdue University)  
*Field of Specialization: Chemistry*

Emerson Ray Shimp, Baltimore  
B.S.Agr.  
*Field of Specialization: Agricultural  
Education*

Reed Douglas Slevin, Pittsburgh, Pa.  
B.S.Cer.E.  
*Field of Specialization: Ceramic  
Engineering*

Betty Jean Smith, Charleston, W. Va.  
B.S. (Alderson-Broadbuss College)  
*Field of Specialization: Nursing*

Charles Hartzell Stahl, Radnor, Pa.  
B.S. (Union College)  
*Field of Specialization: Electrical  
Engineering*

Gary Robert Statler, Centerburg  
B.S.Met.E. (University of Cincinnati)  
*Field of Specialization: Metallurgical  
Engineering*

Frank Burton Steel, Evergreen  
Park, Ill.  
B.S. (University of Illinois)  
*Field of Specialization: Chemistry*

Andrew Lytle Stergiades,  
Birmingham, Ala.  
B.S.I.E. (University of Alabama)  
*Field of Specialization: Computer and  
Information Science*

Kenneth Francis Szczesny,  
Detroit, Mich.  
B.S. (Michigan State University)  
*Field of Specialization: Computer and  
Information Science*

Yuan-Kai Tang, Taipei, Taiwan  
B.S.E. (Taiwan Cheng Kung  
University)  
*Field of Specialization: Metallurgical  
Engineering*

Carol Cross Taylor, Columbus  
B.S.H.E.  
*Field of Specialization: Home  
Economics*

Thomas Craig Tecco, Grafton  
B.S. (Tri-State College)  
*Field of Specialization: Mechanical  
Engineering*

Arthur Cassel Tinney,  
New Orleans, La.  
B.S. (Louisiana State University)  
*Field of Specialization: Mechanical  
Engineering*

Thomas James Trimbur, Niles  
B.A. (Duke University)  
*Field of Specialization: Botany*

Rajeswari K. Venkatraman,  
Madras, India  
B.S., M.S. (University of Madras)  
*Field of Specialization: Home  
Economics*

Anne Louise Vore, Richmond, Va.  
B.S.N. (Medical College of Virginia)  
*Field of Specialization: Nursing*

Linda Lewin Walkup, Columbus  
B.S.Nurs. (Capital University)  
*Field of Specialization: Nursing*

Randall George Wangler, Toledo  
B.A. (University of Toledo)  
*Field of Specialization: Computer and  
Information Science*

Richard Eric Wehnes, Glendale, Mo.  
B.A. (DePauw University)  
*Field of Specialization: Zoology*

Paula Jean Wenger, Dayton  
B.S.Nurs.  
*Field of Specialization: Nursing*

Mark Daniel Westbrook, Grove City  
B.S.Ch.E.  
*Field of Specialization: Chemical  
Engineering*

Katherine Furbee Whinnery,  
St. Clairsville  
B.S.H.E.  
*Field of Specialization: Agricultural  
Education*

Thomas Glen Whitham, Agency, Ia.  
B.S. (Iowa State University of  
Science and Technology)  
*Field of Specialization: Zoology*

Roger Neal Whiting, Lima  
B.S. (Northern Illinois University);  
M.H.A. (University of Minnesota)  
*Field of Specialization: Preventive  
Medicine*

Theodore Morgan Wille, Jr., Lakewood  
B.A. (Muskingum College);  
M.S. (Wright State University)  
*Field of Specialization: Preventive  
Medicine*

Ellen Marie Wittekind, Grove City  
B.S.Nurs.  
*Field of Specialization: Nursing*

Alex Po-Fai Wong,  
Halifax, N.S., Canada  
B.S.E.E. (University of Wisconsin)  
*Field of Specialization: Computer and  
Information Science*

Frederick Ross Yaeger, Jr., Columbus  
B.S.  
*Field of Specialization: Computer and  
Information Science*

Suek Han Yoon, St. Louis, Mo.  
D.D.S. (Seoul National University)  
*Field of Specialization: Dentistry*

Galynn Dee Zitnik, Cleveland  
B.S.  
*Field of Specialization: Zoology*

**Master of Social Work**

**Three candidates**

Robin Jane Milstead, Zanesville  
B.A.  
*Field of Specialization : Social Work*

\*Ronald Stewart Rybak, Columbus  
B.A.  
*Field of Specialization : Social Work*

\*Stanley David Sells, Columbus  
B.A.  
*Field of Specialization : Social Work*

\*Also Master of City Planning, Graduate School

## Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans: Franklin P. Kilpatrick  
Vice Provost of the Arts and Sciences: Thomas A. Willke

The Colleges of the Arts and Sciences, a federation of five colleges, includes:

### College of The Arts

Dean: Lee Rigsby

### College of Biological Sciences

Dean: Richard Bohning

### College of Humanities

Dean: Arthur E. Adams

### College of Mathematics and Physical Sciences

Dean: Colin B. B. Bull

### College of Social and Behavioral Sciences

Dean: Franklin P. Kilpatrick

Kevin Wallace Spence, Columbus  
Stephen Allen Troehler, Circleville

### Bachelor of Music

Three candidates

James Branson Bell, Greenville  
David Franklin Jones, Columbus  
B.S. (Otterbein College); M.S.  
\*Teresa Crone Stoldt, Columbus

### Bachelor of Science in Industrial Design

Three candidates

Richard Lee Kaylin, Bayside, N. Y.  
Mary Ann Kruger, College Park, Ga.  
Richard Guadalupe Tapia, Genoa

## College of Biological Sciences

Dean: Richard H. Bohning

### Bachelor of Arts

Eight candidates

Leonard Joseph Buck, Toledo  
Christopher Lee Burke, Columbus  
Michael Phillip Derin, Columbus  
Craig Warren Fisher, Columbus  
Paula Elizabeth Grimm, Columbus  
Henry David Millit, Bellaire  
Marguerite Ann Persi, Columbus  
John Joseph Zulliger, Lima

## College of The Arts

Dean: Lee Rigsby

### Bachelor of Arts

Ten candidates

Judith Ann Benezra, Mentor  
Kathleen Jean Dorchak, Solon  
Cheryl Walker Kutsko, Akron  
Philip Harry Leach, Rockford, Ill.  
Mark L. Lisson, Teaneck, N. J.  
Edmund Michael Meade, South Euclid  
Cheryl Ann Pollack, Maple Heights  
Kenneth John Snow, Columbus  
James Richard Wernecke, Columbus  
Ronald K. Wolfson, Pine Brook, N. J.

### Bachelor of Art Education Offered jointly by the College of The Arts and the College of Education

Ten candidates

Onalee Moseley Bodi, Columbus  
Janet Ilene Bush, Miami, Fla.  
Karen Jeanine Butler, Norwalk  
Cheryl Lynn Cesta, Grove City  
Deborah Jo Lepley, Columbus  
Janet Elizabeth Lowe, Columbus  
Linda Jean Meinen, Columbus  
Jody Ann Phillian, Columbus  
Christine Laura Skapik, Dayton  
Pamela Jane Thompson, Springfield

### Bachelor of Music Education Offered jointly by the College of The Arts and the College of Education

Eleven candidates

Martha Everingham Boysel,  
Ridgeway  
Timothy D. Cochlin, Wapakoneta  
Margaret Lavonne Cramer Cooperider,  
Iberia  
Mary Jane Fahrenbruck, Tiffin  
Gary Frank Guzy, Sandusky  
John David Kennedy, Columbus  
Timm A. Mackley, North Canton  
Michael Eddie Merry, Caldwell  
Anne C. Puglisi, Columbus  
\*\*Teresa Crone Stoldt, Columbus  
Paul Frederick Zubrod, II, Columbus

### Bachelor of Fine Arts

Thirteen candidates

Diane Spodarek Delbeke,  
Detroit, Mich.  
Kathryn Joan Drozda, Columbus  
B.A. (Ohio Dominican College)  
Becky Anne Frazier, Novelty  
Arnold Holmes, Mansfield  
Ernestine Hurt, Cleveland  
Michael Jerome Kennelly, Columbus  
Jane Berta King, Grove City  
Joe Allan Lambert, Columbus  
Rowena Pon, Poughkeepsie, N. Y.  
Mary Elizabeth Ricci, Columbus  
Helen Zborovsky Rudy, Columbus

### Bachelor of Science

Forty-nine candidates

John Christopher Baker, Warren  
Howard Alan Bateman, Chicago, Ill.  
Joseph William Becker, Columbus  
Albert Jay Bick, Columbus  
Charles Austin Bowen, II, Bellevue  
Carl Leland Branscom, Westerville  
Deborah Ann Brockman, Cincinnati  
Mark Evans Bundesen, Columbus  
Lee Austin Cavano, Rocky River  
Terry Marc Dickson, Columbus  
Mark Steven Dreyfuss, Columbus  
Ronald Stephen Dzurec, Westlake  
Mary Lou Elliott, Marion  
James Lynn Frey, Lima  
Gail Howard, Ridgewood, N. J.  
Brent Alan Howe, Akron  
Gregory David Hrenya, Parma Heights

\* Also Bachelor of Music Education,  
Colleges of the Arts and Sciences  
\*\* Also Bachelor of Music, Colleges of  
the Arts and Sciences

Dale John Hudec, Hillsboro  
 Steven Alan Kah, Wapakoneta  
 Robert Bennet Klein,  
   Cleveland Heights  
 Karinee Kneiler, Toledo  
 Joseph Edward Kole, Columbus  
 Cecil Ray Livingston, Columbus  
 John Michael Lombardi, Columbus  
 Robert James McClure, Wooster  
 Patrick Pel Yung Moh, Hong Kong  
 David Llewellyn Murray, Columbus  
 John Wesley Ness, Mansfield  
 Jane Elizabeth Paiement, Columbus  
 Mark Anthony Petrullo, Dover  
 Steven Craig Pettibone, Columbus  
 Daniel Joseph Prezioso, Niles  
 Clifford Scott Rohlke, Bedford Heights  
 Gordon Raymond Rudloff, Eastlake  
 Howard Briggs Sampson, Jr.,  
   Columbus  
 Mark William Sayre,  
   Hide-A-Way Hills  
 Timothy James Seidenwand, Cleveland  
 Alan Michael Sheinman,  
   Far Rockaway, N. Y.  
 Deborah Lynn Smeltzer, Worthington  
 Duane Milton Smith, Columbus  
 Kenneth Paul Spencer, Columbus  
 Michael Ethan Stein, Steubenville  
 Jean Lorene Swanger, Willoughby  
 Duncan McLeod Thorp, Columbus  
 Daniel Attilio Valleria, East Liverpool  
 Mary Kathryn VanGundy, Lancaster  
 David Lee VanHouse, Dayton  
 John Anderson Wehrly, Eaton  
 Jane Marie Wieder, Huntington, N. Y.

## College of Humanities

Dean: Arthur E. Adams

### Bachelor of Arts

Seventy-five candidates

Eric Conrad Abrahamsen, Marietta  
 Jean Loyd Adams, Columbus  
 Yvonne Ann Allums, Cleveland  
 Robert Miles Baker, Livingston, N. J.  
 Janice Wolfe Balson, Columbus  
 \*Marti Jean Bergstein, Cincinnati  
 Robin Nan Blackford, Dublin  
 Anthony Dwight Bobo, Columbus  
 John Charles Brackin,  
   Lower Burrell, Pa.  
 Cecil James Butler, Jr., Columbus

Rebecca McNeill Callender,  
   Bellevue  
 Jerry Lee Casebeer, New Philadelphia  
 Theresa Diane Dale, Columbus  
 Joseph Denney, Amanda  
 Susan Butterfield Donta, Columbus  
 James Michael Engle, Gahanna  
 \*Beverly Mae Finkel, Wellington  
 Janice Louise Fleischner, Rocky River  
 Vicky Fox, Columbus  
 Gehrig Barnett Franklin, Cincinnati  
 John Ellis Goldsmith, Marion  
 Marjorie Ann Greenhut,  
   Oceanside, N. Y.  
 Jonathan P. Greentree, Columbus  
 John Wilson Hartis, Columbus  
 Wayne Michael Hausmann, Westlake  
 Nancy Larsen Helmick, Cleveland  
 Michael R. Hitsman, Columbus  
 Lawrence Joseph Hollern, Columbus  
 Alice Jean Humbert, Fayette  
 Joe Stephen Kersey, Lebanon  
 Samuel Jay Kletter, Hallandale, Fla.  
 Jeffrey Allen Louthan, Columbus  
 Susan Arlene Lowry, Columbus  
 Kathleen Mudd Maggied,  
   West Jefferson  
 Joseph James Marko, Columbus  
 Paul Martin McIntire, Columbus  
 Faye W. Mellema, Worthington  
 Kenneth James Metzner, Columbus  
 Steven Wayne Michel, Columbus  
 Robert Aaron Miller, Columbus  
 Nicholas Anthony Mocas, Columbus  
 Patrick Owen Moore, Columbus  
 Thomas Alan Neuendorf,  
   Fairview Park  
 Carol Lynn Nicolls, Columbus  
 Alonzo Lawrence Pearson, Columbus  
 Richard Alan Peters, Reynoldsburg  
 Amy Jane Peterson, Ashtabula  
 Thomas Paul Plassman, Napoleon  
 Lawrence Douglas Poteet,  
   Reynoldsburg  
 Richard Terrence Rettemnier,  
   Columbus  
 James Powell Rosenblatt, Beachwood  
 Sharon Lee Ruswinkle, Sylvania  
 Judy Lynn Sanders, Cleveland  
 \*Frances Ann Sarro, Warren  
 Robert Allen Schantz, Columbus  
 Barbara Hugney Schickling, Columbus  
 Nancy Lee Schmelzer, Lancaster  
 George Michael Sellati, Lima  
 John Ronald Shearer, Westerville  
 Scott William Smith, Toledo  
 Josephine Mary Stabile, Columbus  
 Stuart Bohn Supman,  
   New Orleans, La.

Abigail Elizabeth Syring, Flint, Mich.  
 Edward James Taafe, Columbus  
 Alexander Michael Tihanyi, Cleveland  
 Gail Susan Trecker, Columbus  
 Timothy Michael Tulley, Mentor  
 Barbara Scribner Vaughn, Columbus  
 Mark Leslie Wagar, Avon  
 Tim Allen Willis, Marion  
 Donna Palmer Wilson, Columbus  
 Thomas Michael Wiswell,  
   Reynoldsburg  
 Donald A. Wolff, Columbus  
 Michael Joel Yanes, Skokie, Ill.  
 Linda Rochelle Zall, Edison, N. J.

## College of Mathematics and Physical Sciences

Dean: Colin B. B. Bull

### Bachelor of Arts

Nine candidates

Jeffrey William Arthur, Columbus  
 George Brande Elsass, Chillicothe  
 Robert Erik Kose, Pickerington  
 \*\*Kathleen Alison Neverman, Solon  
 Jeffrey Gay Smith, Mansfield  
 Gregory Atlee Stockert, Columbus  
 Christine Louise Terbeek, Columbus  
 George Thomas Westbrook, Columbus  
 Keith Allan Woodyard, Columbus

### Bachelor of Science

Twenty-five candidates

Gilbert Bargar Black, Columbus  
 David Neil Brown, Westerville  
 Charla Jo Woolf Calderhead,  
   Columbus  
 Rocco Detomo, Jr., Indialantic, Fla.  
 Daniel Diehr, Columbus  
 Gary Louis Eginton, Hopelawn, N. J.  
 Michael Lynn Finefrock, Robertsville  
 James Martin Hartshorne, Akron  
 Gary Lee Higdon, Akron  
 Carl David Kantor, Warren

\* Also Bachelor of Science in Education,  
 College of Education  
 \*\* Also Master of Science, Graduate School

Henry Brinkman Kline, Columbus  
 John Frank Kozlowski, Cleveland  
 Yu Bong Lee, Columbus  
 Dallas Terry Lower, Columbus  
 Robert Lawrence Mains, Columbus  
 Ronald Kenat Moore, Columbus  
 Lewis John Newhard, Columbus  
 Jeffrey Ray Palmer, Bucyrus  
 Gary Philip Pietrangelo, Mt. Vernon  
 B.A. (Miami University)  
 Ronald David Selby, Middletown  
 William Dean Smith, Columbus  
 James Thomas Spaeth, Cincinnati  
 Timothy Kirk Staker, Mansfield  
 Jerry Walter, Mentor  
 Jeffrey Tod Wysel, Columbus

## College of Social and Behavioral Sciences

Dean: Franklin P. Kilpatrick

### Bachelor of Arts

One hundred and forty-four candidates

Patrick Joseph Agnew, Columbus  
 Rebecca Smith Albers, Groveport  
 Charles Fred Allbery, Kettering  
 Michael Jason Amsel, South Euclid  
 Randy Earl Baker, Kansas  
 Martha Dianne Bartter, Columbus Station  
 Elizabeth Ann Beebe, Marengo  
 Thomas Guthrie Bell, Columbus  
 Robert Leo Benjamin, Columbus  
 Wayne Barry Berzon, Skokie, Ill.  
 Girard Edward Besanceney, III, Newark  
 John David Bilby, Columbus  
 Mary Ann Castillo, Dayton  
 Gerald Lee Bloom, Columbus  
 Robert Douglas Bolinger, Vandalia  
 William Thomas Bolon, Jr., Westerville  
 Deborah Ann Braidic, Mentor  
 Michael Loren Burns, Galion  
 Harold Hopson Campbell, Columbus  
 Mary Ann Castillo, Springfield  
 John Peter Chiarelli, Canton  
 Jamie Lee Clayton, Westerville  
 Jeffrey Bruce Clellen, Shaker Heights  
 James Edward Daley, Lima  
 Craig Lynn Dame, Columbus

Gilbert Anton Darcy, Lagrange, Ill.  
 \*Carolyn Delbrugge Dawson, Columbus  
 Martin Harold Derrrow, Columbus  
 Charles Joseph DeVirgilio, Columbus  
 Dennis Michael DiMartini, Pittsburgh, Pa.  
 Donald Lewis Dixon, Columbus  
 Sherman Micheal Dow, Columbus  
 Dennis Brooks Dumbauld, Chillicothe  
 Stienbant Dyer, Jr., Columbus  
 Christine Lucille Eberhard, Clyde  
 David Richard Edmiston, Kingston  
 Charles Jay Eisinger, Richmond Heights  
 Gloria Joyce Ennis, Springfield  
 Richard Thomas Ferko, McKees Rocks, Pa.  
 David Fulton Finney, Bloomfield, N. J.  
 John Roderick Flanigan, Columbus  
 Martin Lee Flicker, Columbus  
 Jeffery Charles Franklin, Cornwall, N. Y.  
 Francis Ambrose Fregiato, Martins Ferry  
 Kenneth Joseph Gagen, Columbus  
 \*\*Patricia Elaine Garrison, Newark, N. J.  
 Amy Christine Gasser, Logan  
 Susan Elizabeth Gaylor, Dayton  
 John Terry Gentry, Columbus  
 Patricia Torbron Geoghegan, Columbus  
 Linda Marie Georgeff, Columbus  
 Brian Leslie Gilbert, Worthington  
 Mitchell Jay Gilbert, Chicago, Ill.  
 Diane Peppler Gilhousen, Columbus  
 Alonzo Godfrey, Columbus  
 Amy Knight Goffee, Columbus  
 Anna Gottlieb, Columbus  
 Mary Ann Gray, Lisbon  
 Frank Grundy, Jr., Columbus  
 Roxie Ann Haas, Medina  
 Madeleine Wells Hall, Columbus  
 Mark Elliott Hammond, Canfield  
 Bradley Allen Hebble, Shelby  
 Lana Diane Hendershot, Whipple  
 James Wolstoncroft Henry, Columbus  
 David Alan Hiatt, Dayton  
 Timothy Paul Hildebrand, Massillon  
 Christine Kay Hill, Zanesville  
 Gary Everett Huneycutt, Columbus  
 Gareth Daniel Jenkins, North Lima  
 Herbert C. Johnson, III, Columbus  
 Robert Edward Kane, Baldwin, N.Y.  
 Robin Eric Kellough, Washington C.H.  
 Lenore Kligman, Jericho, N.Y.  
 Jon Carson Kundtz, Columbus  
 Kevin Michael Lawton, Middletown

Lawrence S. Levinson, Shaker Heights  
 Jeffrey Martin Lieberman, Columbus  
 Marilyn Irene Lubetsky, Pittsburgh, Pa.  
 Keith Scot Lynn, Brooklyn, N.Y.  
 Laura Marie Macpherson, Bay Village  
 Mona Marra, Wayne, N. J.  
 Sherril Romine Marshall, Columbus  
 Joseph Francis McDermott, Columbus  
 Craig Patrick Miller, Worthington  
 George Alfred Miller, Gahanna  
 Susan Inette Milligan, Columbus  
 Stephen Rufus Milsted, Zanesville  
 Robert Wesley Mintier, Mt. Vernon  
 Stephen Andrew Moore, Columbus  
 Erin Frances Moriarty, Columbus  
 Leon Ozebek, Columbus  
 Donald Lee Painter, Fort Recovery  
 Linda Jean Palmer, Columbus  
 Melody Lee Paul, Newark  
 Jayne Kimber Pearce, Columbus  
 Brenda Cheryl Pearlman, Canton  
 Sheri Lynn Perlman, Canton  
 Robert Neal Pierce, Columbus  
 Peggy Jolane Poling, London  
 Ann Sheedy Porter, Pickerington  
 Nancy Cole Ports, Columbus  
 Brian O'Donald Ressler, Arcanum  
 Gary Lynn Rhue, Columbus  
 Catherine Ann Rings, Amlin  
 Mark Jeffrey Rubin, Westbury, N.Y.  
 Marc Douglas Russell, North Canton  
 Phillip Craig Ryan, Worthington  
 Ronald Blaine Rymer, Columbus  
 Thomas Harold Sager, Johnstown  
 Jane Elizabeth Sandstrom, Parma  
 Lianne Louise Santellani, Worthington  
 Mary Kathleen Shanahan, Lima  
 James Jeffrey Sheard, Xenia  
 Philip Warren Skeeles, Canton  
 Gary Micheal Smith, Columbus  
 George Alan Smith, Amsterdam  
 Steven Joseph Smith, New Lexington  
 Susan W. Sonnenberg, Columbus  
 Jeffrey Phillip Spriesterbach, Mansfield  
 James Theodore Stanceu, North Canton  
 Jack Allan Stark, Columbus  
 Regina Harris Stone, Columbus  
 Michael Charles Sullivan, Cincinnati  
 Julian Michael Suso, Akron  
 James Patrick Thomas, Columbus  
 Timothy Stayner Tuttle, Columbus  
 Daniel Vainonen, Painesville

\*Also Master of Arts, Graduate School  
 \*\*Also Bachelor of Science in Education, College of Education

## College of Administrative Science

Dean: James R. McCoy

### Bachelor of Science in Business Administration

One hundred and fifty-eight candidates

Mark Joseph Andio, Youngstown  
Dennis Edward Anspach, Lima  
Mark Douglas Anthony, Columbus  
James Emanuel Austin, Columbus  
Michael Allen Bagi, Trotwood  
Dennis Duane Bahnsen, Newark  
Charles Ignatius Barracato, Solon  
Vaughn Edward Bateman, Columbus  
Richard Allan Beech, Wapakoneta  
Corwin Evert Belt, Columbus  
Thomas Gregory Bostwick, Columbus  
Wilson Norton Boyles, III, Lancaster  
Arnold Blaine Brandyberry,  
Youngstown

David Bruce Brown, Bryan  
Thomas Palmer Brown, Akron  
Stewart Irvin Brownstein, Columbus  
Michael Dennis Bugeda, Brecksville  
James Alan Burden, Columbus  
Gary Marshall Burlin,  
University Heights

James Franklin Burney, Cleveland  
Richard Franklin Buxton, Marietta  
Louis Vincent Cameron, Akron  
Charles John Cammock, III,  
Mayfield Heights

Joseph Edward Cermak, Dillonvale  
Margaret Melinda Chandler,  
Cocoa Beach, Fla.

Donald Henry Chmielewski, Fairborn  
Carl Timothy Clark, Columbus  
Scott Robert Clark, Gahanna  
Edward Lynn Collins, Cumberland  
Robert Lee Conklin, Marion

John Howard Coy, Xenia  
Gerald Frank Cserbak, Cleveland  
Jeffery John Danitz, Buffalo, N. Y.

Steven Eugene Day, Cincinnati  
Alphonse Ray DeBlasis, Bellaire  
Charles Alban DeLuca, Bellevue  
William James Di Blasi, Westerville  
Kenneth Henry DiRienzo, Canfield  
Dennis H. Douglas, Columbus

Glenn Shelby Douglas, Dayton  
David Clare Dulmage, Columbus  
Bettie Lou Dunlap, Washington, D. C.  
Jeffrey Alan Dvorin,  
Berkeley Heights, N. J.

William Joseph Edgar, Jr., Fairborn  
Donald Eugene Edwards, Chilo  
David Alan Ewing, Columbus  
Gail Victor Fankhauser, Jr.,  
Boynton Beach, Fla.

\*Also Bachelor of Science in Education,  
College of Education

James Anthony Varga, Columbus  
Diana Lynn Ward, Batavia  
Ann Helene Warth, Cincinnati  
Sandra Sue Weaver, Alliance  
Timothy Earl Wegner, Columbus  
\*Bruce Allen Weinstein,  
University Heights  
Susan Gajus Weis, Columbus  
Robert Don Weisenborn, Dayton  
Timothy James Wersel, Lebanon  
Linda Sue Wielgos, Enfield, Conn.  
Karen Kristine Williamson,  
Springfield  
Margery Anne Wilson, Columbus  
Evelyn Jean Wright, Wapakoneta  
Thomas Allen Yoakum, Bainbridge  
David Wayne Young, Xenia  
Karen Fae Zimmerman,  
Cuyahoga Falls

### Bachelor of Science

Eleven candidates

Richard Allen Bill, Richmond Heights  
Nancy Joslyn Bronson, Columbus  
Robert Reese Clippard,  
Huntington, W.Va.

Louisa Ogden Dixon, Columbus  
Susan Kay Mastriana, Kettering  
Deborah Kay Phillipson, Hilliard  
Jesse Darden Pollard, Columbus  
Sharon Jean Rice, Columbus  
Mark Adam Shabsin, San Diego, Calif.  
Miriam Lamneck Spaeth, Columbus  
Charles Robert Wisler, Bryan

Thomas Dollison Ewing, Columbus  
Kathy Sue Fox, Columbus  
Thomas John George, Lakewood  
Ronald Stanley Gorski, Delaware  
Gareth Roger Graf, Xenia  
Patricia Ann Huston, Hebron  
James Edward Irwin, Columbus  
Craig Stephen James, Columbus  
Thomas Alan Kennedy, Columbus  
Dale Emil Leach, Columbus  
Steven Jay Levine, Columbus  
Phillip Alfred Long, Vero Beach, Fla.  
Harold Edward Looman, Steubenville  
Howard Robert McMunn, Columbus  
B.A.

Teresa Ilene Meese, Dayton  
Danny Lee Muston, Newark  
Steven F. Patton, Jackson  
Elaine Ann Perkins, Columbus  
Carol Ann Piaseczny, Newark  
Sharon Lois Spolter, Columbus  
Lois Ann Tolley, Columbus  
Martin Duane Trussell, Columbus  
Lorelei Jane VanWey, Westerville  
John Francis Weadock, Columbus  
Jeffrey Richard Weiser,  
Huntington Station, N.Y.

Neil Martin Winget, Wapakoneta  
Robert Alwyn York, Columbus

### School of Journalism

#### Bachelor of Arts in Journalism

Thirty-four candidates

Karen Jo Blocher, Cleveland  
Donna Miskin Brail, Columbus  
Karen Lynn Brandon, Columbus  
Beverly Ann Burge, Wellington  
James Michael Callihan, Columbus  
Michael Francis Curtin, Columbus  
David Jacob Daulton, Columbus

William Charles Faulds, Galion  
 Michael Gene Federer, Columbus  
 David Lee Forsthofer, Cleveland  
 Carol Kincaid Fox, Columbus  
 Joseph Thomas Fritzky, Cleveland  
 Edward William George, Botkins  
 David Wilford Glenn, Erie, Pa.  
 Michael John Glenn, Cleveland  
 Beverly Jean Grimm, South Euclid  
 Robert Allen Grossman, Columbus  
 Edward Allen Haight, Jr., Ashtabula  
 Robert David Hall, Kettering  
 Donald Raymond Hanigovsky, Parma  
 David John Harnicher, Warren  
 Thomas Charles Harrison, Columbus  
 James Anthony Hawking, Columbus  
 Allen Charles Hays, Westlake  
 Roy Bernard Henning, Jr., Columbus  
 David Douglas Heston, Akron  
 James Thomas Hlay, Columbus  
 Richard Morris Hosea, Cincinnati  
 Warren Lee Jagodnik, Wickliffe  
 Richard Proctor Jones, Marietta  
 Steven William Kant, Willoughby  
 Samuel Ray Karr, Chester  
 Timothy Michael Kelly,  
 Cuyahoga Falls  
 Danny Neal Kennard, Montezuma  
 Jon Reeves Kern, Middlesex, N. J.  
 Howard Henry Knapp, Shelby  
 Ronald Ray Koons, Columbus  
 Jack Lee Kruskamp, Columbus  
 Gary Stanley Kryk, Rochester, N. Y.  
 Donald Byrle Kuhr, Dayton  
 Gordon Neil Kuhr, Dayton  
 Jeffrey Enck Laird, Reynoldsburg  
 Jeffrey Lee Likover,  
 University Heights  
 Paul Martin Link, Vienna, Va.  
 Martin Joseph Lucki, Bridgeport  
 Mary Louise Luebke, Columbus  
 Robert Charles Lynch, Cincinnati  
 John Raymond Manley, East Rochester  
 Donald Maxwell McCann, Newark  
 Anne George McIntire, Columbus  
 Paul Eugene Meszaros, Columbus  
 Robert David Methé, Delaware  
 Craig Emerson Miller, Brunswick  
 Mark Evans Miller, Lindsey  
 John Michael Mills, Columbus  
 Richard Fredrick Mlasofsky, Columbus  
 David Vernon Moder, Columbus  
 Gregory Stanley Modzelewski,  
 Chesterland  
 Robert Brian Moloney, Columbus  
 Randall Joseph Montelone, Bridgeport  
 Michael Stephen Murphy, Akron  
 Nancy Lane Nafz, Columbus  
 Guy Edward Napier, Cincinnati

Joseph Gerard Nelson, Massillon  
 Ronald Karl Nims, Troy  
 Joseph Edward Olszewski,  
 North Royalton  
 Robert Ferguson Orr, Cleveland  
 John Matthews Pearce,  
 Warner Robins, Ga.  
 David Matthew Pikla, Barberton  
 James Russell Pitzer, Columbus  
 Robert Harold Pope, Columbus  
 Hal Kent Pryor, Columbus  
 Donna Marie Purzycki, Dayton  
 Thomas William Rabatin, Wadsworth  
 Louise Ellen Rathbun, Worthington  
 Bruce Allen Rathkamp, Milford  
 William Arthur Reddington,  
 Huntsville, Ala.  
 Jarren Scott Ringle, Sidney  
 Ralph Vincent Roberts, Columbus  
 Stephen Thomas Roberts, Worthington  
 William Thomas Rose, Columbus  
 James William Roudabush, Columbus  
 Donald Gregory Roush, Ironton  
 James Kernen Rush, Kettering  
 Arthur Roger Salyer, Jr., Columbus  
 Lawrence John Sarachene, Massillon  
 James Edward Savage, Worthington  
 James Carl Scartz, Columbus  
 Daniel Ellyson Schmidt, Cincinnati  
 Hans Carl Schulmeyer, Toledo  
 Harry Franklin Sheraw, Lima  
 Leonard Russell Smith, Columbus  
 Richard Harter Snyder,  
 Shaker Heights  
 John Clifford Stalnaker, Columbus  
 James Robert Stelbasky,  
 North Olmsted  
 Paul Michael Stickel, Columbus  
 Michael David Stitzlein, Glenmont  
 Terry Lee Strong, Weirton, W. Va.  
 James Edward Studer, Lima  
 Deborah Kay Swanson, Dayton  
 Thomas Milton Thompson, Columbus  
 Konrad Stephen Tinius,  
 Camp Springs, Md.  
 John Joseph Tricomi, Niles  
 John Alan Trotter, Dover  
 Jeffrey Thomas Urbanski, Rossford  
 Frederick Richard Vernon, Lima  
 David Lee Virginia, Euclid  
 Darrell Leonomous Walker,  
 Middletown  
 Raymond Robert Wampler,  
 New Lebanon  
 Terry Lee Ward, Millbury  
 Scott Paul Wheeler, Brecksville  
 Russell Andrew White, Jackson  
 James Kurt Winterhalter, Kettering  
 Douglas Michael Wyer,  
 Sagamore Hills

Michael Thomas Yavorsky,  
 Hendersonville, N.C.  
 Ralph Matthew Zimmer, Cincinnati  
 Douglas Milton Zimmerman, Bellevue  
 Christine Louise Zone, Willoughby

## School of Social Work

### Bachelor of Science in Social Welfare

Forty-six candidates

Wendy Lynne Appgar, Columbus  
 Linda Sue Beal, Columbus  
 Norma Jean Bonen, Galion  
 Sue Ellen Browning, Cortland  
 Denise Alane Bytsura, Seven Hills  
 Joyce Cantisano, Rochester, N.Y.  
 Ann Wainwright Church, Bellefontaine  
 Ann Price Conkle, Logan  
 Margaret Searle Coulson, Columbus  
 Virginia Ann Davidson, Plain City  
 Jay Richard Denton, Columbus  
 James Michael DeSalle, Youngstown  
 Deborah Kerr Doeden, Hicksville  
 Diane Marie Edwards, Batavia  
 Vicki Lynn Ellis, Toledo  
 Ruth Anne Ellison, North Olmsted  
 Mary Ann Falvey, Kettering  
 Carole Weinstein Flaster,  
 Merrick, N.Y.  
 Sally Ann Freedman, Atlanta, Ga.  
 Angela Greta Golden, Cleveland  
 Deborah Murphy Harrison, Columbus  
 Marcia Ellen Howell, Baldwin, N.Y.  
 Brenda Yvonne Jamison, Peebles  
 Henry Lee Jenkins, Jr., Columbus  
 Mary Kennedy Lawson, Middletown  
 Janet Marie Dick Lerner, Columbus  
 Marilyn Eiseaman Markovich,  
 North Bergen, N.J.  
 Cindy Jean Miller, Galion  
 Susan Robinson Miller, Miamisburg  
 Gloria Christine Napper, Gahanna  
 Liane Marie Nelson, Reynoldsburg  
 David Allen Olds, Parma  
 Beverly Jane Pack, Columbus  
 Lou Ella Poteet, Reynoldsburg  
 Jackie Ullman Ralston, Circleville  
 Barbara Anne Schmidlapp, Piqua  
 Kathleen Martha Schroeder,  
 Columbus Grove  
 Scott Harrison Sher, Columbus  
 Sandra Michelle Sternberg,  
 Hollandale, Fla.  
 Donald Albert Stevens, Toledo



## College of Agriculture and Home Economics

Dean: Roy M. Kottman

Rhonda Ann Tokash, Canton  
Sue Carolyn Goins Turton, Grafton  
Ruth Esther Weinrib, Columbus  
Kathy Jo Wilgus, West Mansfield  
Lynne Ann Williams, Fairview Park  
Anita Losey Wyner, Columbus

### Bachelor of Science in Agriculture

Seventy-two candidates

George Frederick Albright, Willard  
Steven Michael Atkins, Akron  
Jonathan Goodwin Auster, Dayton  
Robert Eugene Baker, Cleveland  
Hugh James Barr, Ashland  
Gary Beery, Richwood  
Alan Bruce Bigler, Parma Heights  
Keith James Boyd, Geneva  
Timothy Keith Buchs, Oberlin  
William W. Burns, Jr., Marysville  
Cheryl Ann Caputo, Solon  
Lawrence Golden Collins, Ironton  
Roger Eugene Darrach, Clarington  
Daniel Frederick Daugherty, Canton  
John Thomas Delong, Nevada  
David William Dirmeyer, Dola  
Gary Robert Doerr, Mansfield  
Hugh Delno Dresbach, Circleville  
Jonita Wargo Dysert, Caldwell  
Donald Gerard Dzurec, Rocky River  
Edward Arthur Emmert, Greenhills  
Richard Dennis Eshleman, Clyde  
Robert Howard Feldman  
Staten Island, N. Y.  
William Boyd Gainer, New Lexington  
\*Timothy Dale Gerber, Brecksville  
Vicki Jean Gilger, Shiloh  
Sarah Griffin Gold, Columbus  
Timothy Lee Hayes, Quaker City  
Gary Conrad Heet, Greenville  
Thomas Lee Hertlein, Vandalia  
Edward Joseph Hippely, Rome  
Norman Lynn Holley, Bowling Green  
Christopher William Jalkanen,  
Westlake  
Mark Alan Kelly, Bryan  
Gary Leonard Kruse, Ottawa  
Jeffrey Dale Layman, Kenton  
Jane Elizabeth Leasure, Gates Mills  
Steven Earl Longfellow, Greenville  
Gale LaMar Love, Fremont  
Eric Paul Mayer, Ashland  
Jack Dennis McGory, Ithaca, N. Y.  
Michael Patrick McPhee, Canfield  
Timothy Louis Menapace, Dover  
Gerald Emerson Mercer, Shiloh  
Louise Dora Michael, Minersville  
Robert Joseph Moore, Hamilton  
Ray Martin Oyer, Wauseon  
Gregory Carroll Pell, Columbus  
Gregory Wayne Pfeffer, Ripley  
Richard Michael Pitorak, Middlefield  
Stephen James Roberts, Tiffin  
Robert Alan Roch,  
Warrensville Heights  
Jack Allen Rohrbach, St. Marys

Lee Harris Rosenbaum,  
Mt. Vernon, N. Y.  
James Lee Sanford, London  
Connie Rush Searcy, Columbus  
William Scott Searcy, Cincinnati  
John Patrick Sheridan, Athens  
Ronald David Shover, Grove City  
Thomas Henry Slavik, Coldwater  
Thomas Lawrence Smith, Loveland  
David Lee Snyder, Arcanum  
Robert Raymond Steckel, Byesville  
Michael Brian Stefan, Columbus  
William Edwin Stone, Lucas  
Timothy Curtis Townsend,  
Delhi, N.Y.  
Sharon Hauff Ulrich, Columbus  
David Alan Westhoven, Lancaster  
Kenneth Edwin Witter, Crestline  
Mark Allen Yoder, West Liberty  
Douglas Lee Zehner, Ashland  
Michael Edward Zientek, Swanton

### Bachelor of Science in Dairy Technology

One candidate

Richard Henry Eltzroth, Dayton

### Bachelor of Science in Food Technology

Two candidates

Gary Allen Burtchin, Lima  
Stephen Earl Hauck, Columbus

### Bachelor of Science in Nutrition

Three candidates

William George Helferich, Parma  
Bruce Warren Hollis, Elyria  
Susan Jane Matre, Cincinnati

\*Also Master of Science, Graduate School

## College of Education

Dean: Donald P. Anderson

### School of Natural Resources

#### Bachelor of Science in Natural Resources

Fifteen candidates

Robert Stephen Baker, Kettering  
William Crane Beattie, Columbus  
Robert Harold Bowman, Columbus  
Stephen Joseph Buening, Columbus  
Frederick Meade Evans, Springfield  
Clair March Forrest, Tiffin  
Gary Richard Hepp, Cincinnati  
Richard Howard Johnson, Columbus  
James Albert Schneider,  
Bedford Heights  
James Michael Shilling, Ada  
Stephen Charles Smith, Findlay  
Daniel Paul Stickler, Columbus  
Dale Gilbert Thompson, Jr., Columbus  
James Ray Wentz, Kenton  
Richard Harold Wepler, Jr., Wooster

### School of Home Economics

#### Bachelor of Science in Home Economics

Sixty-one candidates

Pamela Jane Ault, Columbus  
Deborah Elder Bagenstose, Columbus  
Dorian Chaney Bauerle, Westlake  
Karen Brown Baumann, Kettering  
Kimberly Elizabeth Bell, Wadsworth  
Cynthia Carol Bender, Parma Heights  
Sheila Bloom, Beachwood  
Janet Shawver Callender,  
Bellefontaine  
Deborah Joyce Clinger, Kenton  
Carol Jean Cole, Youngstown  
Anne Betty Conrad, Canton  
Jane Ellen Doak, Marietta  
Jennifer Meyer Drefahl, Cincinnati  
Sharon Murray Dugan, Old Fort  
Sherrie Kay Durbin, Piketon  
Constance Colleen Elliott, Mt. Victory  
Nancy Rowland Fender, Ravenna  
Lorraine Ann Friend, Hicksville  
Barbara Ann Glantz, Toledo  
Eliza Glover, Cleveland  
Vicki Joette Hancock, Cleveland  
Patricia Mintzer Hopkins, Columbus  
Kathryn Jean Irwin, Columbus  
Barbara Taylor Kelly, Warsaw  
Sandra Jane Kerr, Shelby  
Martha Lynne Kopp, Nashville, Tenn.  
Karen Marie Ledford, Columbus

Charlee Beth Lindsay, Westerville  
Susan Elaine Littleton, Sabina  
Christine Ann Lofgren, Columbus  
Jean Marie Maughlin, Columbus  
Diane Klespies McCann, Akron  
Gail Pogalies McDermott, Seven Hills  
Anne Katherine Millet, Troy  
Cheryl Ann Moffitt, East Liberty  
Gretchen Sebring Moriarty, Columbus  
Betty Ann Morris, Poland  
Nancy Seitz Mosholder, Columbus  
Sandra Jean Noletti, Wooster  
Jonie Sue Novotny, Dayton  
Marlene Baker Pitt, Newark  
Lynn Dudzik Podojil, Northfield  
Jill Denise Powell, Ada  
Rebecca Ann Reed, Cincinnati  
Alita Jean Risser, Grafton  
Rita Rae Root, Pickerington  
Vicky Linn Ross, Dayton  
Thomasine Grace Rossetter, Columbus  
Karen Marie Schiefer, Bucyrus  
Georgina Witwer Shahan, Greenville  
Jeanetta Petry Sinzinger, Columbus  
MaryLou Straka, Parma  
Lori Marie Susyne, Seven Hills  
Anne Taylor, Columbus  
Karen Sue Turner, Marion  
Jan Lee Umberhour, Westlake  
Mary Lally Verhoff, Columbus  
Rebecca Jayne Warner, Newark  
Janet Rae Wollett, Westerville  
Kathie Eileen Woodward, Barnesville  
Linda Widman Wyer, Northfield

#### Bachelor of Science in Restaurant Management

One candidate

William Robert Havelec, Parma

### Bachelor of Science in Education

Three hundred and twenty-three candidates

Catherine Utz Albert, Shelby  
Carole Halley Alvarez, Columbus  
Jeffrey Clark Ames, Columbus  
Susan Elizabeth Andrews, Cincinnati  
Diane Rita Antoniak, Columbus  
Deborah Ann Archer, Ashville  
Nancy Felton Arthur, Columbus  
Hope Edith Asbury, Rochester, N. Y.  
Randall Wayne Ashbaugh, Columbus  
Patricia Richie Baker, Mansfield  
Christine Ann Barrington, Fremont  
Lynne Louise Barton, Franklin  
James Carl Beaver, Galena  
William Clifford Beinbrech, Shelby  
Michael Alex Beres, Columbus  
\*Marti Jean Bergstein, Cincinnati  
Debra Sanderson Berry, Marion  
Carolyn Blanchard Bohnlein,  
Columbus  
Ruth Ann Bolyard, Lima  
Allen R. Bond, Belmont  
B.A.  
Arlene Stanek Bottenfield, Columbus  
Brenda Pace Bowman, Columbus  
Paula Louise Bozzacco, Massillon  
Sally Joan Brady, Marion  
Patricia Ann Brannan, Toledo  
James Robert Braun, Troy  
Laura Lee Brown, Mt. Gilead  
Karen Lynne Brucoli, Youngstown  
Cert. Grad. Dent. Hyg.  
Cindy Lou Brunton, Columbus  
Cynthia Valentine Bucher, Leipsic  
Marilyn Jean Bucklew, Columbus  
Brenda Withington Bull,  
West Richfield  
Carolyn Loraine Bunke, Cridersville  
Debra Kay Bussard, Columbus  
Diane Butler, Sandusky  
Kathy Wright Campbell, Kettering  
William H. Campbell, Columbus  
Annette Hugo Candel, Bucyrus  
Jean Lavonne Carnahan, Wilmington  
Robert Winston Carroll,  
Shaker Heights  
Stephen Dale Cavin, Trenton  
Susan Barbara Chaplik,  
Lincolnwood, Ill.  
Judith Elaine Chapman, Columbus  
Mary Morrison Charles, Marysville  
Gary Lynn Chiero, Grove City  
Candy Henson Clark, Columbus  
Sue Milleson Clark, Worthington  
Sue Weller Cline, Grove City

\*Also Bachelor of Arts, Colleges of the  
Arts and Sciences

Mary Barlow Clouse, Lucas  
 Mary Elizabeth Conway, Columbus  
 Sue Ann Cooke, Fremont  
 Cheryl Joan Coon, Lima  
 Michele Ann Cooper, Cincinnati  
 Eileen Anne Cox, Edison, N.J.  
 Susan Kay Cox, Adams Mills  
 Darleen Mae Cramer, Columbus  
 Thomas Evan Curtis, Lorain  
 James Hoffman Daggett, II, Columbus  
 Annette Therese Daniel, Columbus  
 Larry Emmett Daniel, Columbus  
 Treva Mae Danison, Somerset  
 Mark Anthony Del Col, Columbus  
 Cheryl Leigh Deubner, Columbus  
 Nancy Carol Dodd, Marysville  
 Lissa Ellen Dollinger, Fairborn  
 Steven Dietmar Domslosky, Columbus  
 Rebecca Ann Dorinsky, Columbus  
 Grady Eugene Doughty, Columbus  
 Bonita McClelland Drake, Mt. Gilead  
 Suzanne Elizabeth Dressler,  
     Teaneck, N.J.  
 William Edward Dunaway, Jr.,  
     Columbus  
 Thomas Frederick Dunlap, Columbus  
 Paula Hiss Dunn, Marion  
 Stephen Earl Eaton, Columbus  
 Roger Edward Edens, Dublin  
     B.A.  
 Vivian Ruth Engelmann,  
     Bethesda, Md.  
 Diana Groh Ervin, Bellefontaine  
 Anthony Louis Farone, Parma  
 Gregory Earl Ferguson, Columbus  
 \*Beverly Mae Finkel, Wellington  
 Robert Edward Flood, Rocky River  
 Carl Sanford Friedland, Columbus  
 Philip Charles Frolin, Columbus  
 William Ellis Fullwiler, Columbus  
 Pamela Jean Fusner, Newark  
 Donald Paul Gaddis, Columbus  
 Peggy Ann Galloway, Reynoldsburg  
 \*Patricia Elaine Garrison,  
     Newark, N.J.  
 Sherri Gavlin, Tallahassee, Fla.  
 Mary Louise Georgiton, Columbus  
     B.A.  
 Fred Andrew Gibson, Columbus  
 Joan Dorff Gibson, Columbus  
 Janice Irene Gillespie, Columbus  
 Marcie Lyn Goldman, Youngstown  
 Nancy Ruth Gracely, Marion  
 Kathleen McAnally Graham, Columbus  
 Lorraine Ann Gratz, Lakeview  
 Philip Charles Green, Vandalia  
     B.A., M.A.  
 Kathy Jo Griner, Troy  
     Cert. Grad. Dent. Hyg.  
 Carol Kiess Grove, Shelby

Cherita Underwood Groves, Edison  
 Janice Burkes Guess, Columbus  
 Alexandra Guliano, Niles  
 Linda Marie Gunter, Marion  
 William Victor Haefling, Columbus  
 Patricia Ann Halsey, Middletown  
 Betty Luther Hamblin, Mansfield  
 James Robert Haney, Pittsburgh, Pa.  
 Jimmie Lee Harris, Columbus  
 Susan Faye Harrison, Toledo  
 Marilyn Ruth Hathaway, Columbus  
 Shirley O'Neil Hawk, Lima  
 Claudia Ann Haydcoy, Dublin  
 Barbara Ellen Heilman, Mansfield  
 Charlene Smith Hellyer, North Canton  
 Terry Joseph Hempfling, Lima  
 Irene Mair Henry, Lexington  
 Kathryn Jean Henschen, New Bremen  
 Donna Jean Heybert, Marion  
 Michael John Hilber, Cleveland  
 Billy Alvin Hill, Columbus  
 Jeff Faulkner Hilson, III, Columbus  
     B.A. (Capital University)  
 Victoria Baze Hine, Columbus  
 Margaret Hayes Holgate, Worthington  
 Margaret Dautremont Honton,  
     Columbus  
 Barbara Joan Hopkins, Piqua  
 Patricia Dixon Hostetler, Columbus  
 Mildred Priebe Hoxworth, Lexington  
 Jean Suzanne Hubbard, Bedford  
 Maureen Frueh Hurlow, Botkins  
 Merle Ann Hurst, Havertown, Pa.  
 Barbara Cryan Hysell, Columbus  
 Pamela Miley Innes, Westerville  
 Nancy Lucas Jenkins, Beallsville  
 Kristine Antoinette Johanson,  
     Columbus  
 Anita Johnson, Hubbard  
 Janet Ullman Jones, Westerville  
 Linda Joanne Kahle, Delta  
 Roger Jay Katz, University Heights  
     B.A., M.A.  
 Mary Blimes Katzenbach, Columbus  
 Shelley Rose Kazan, Lyndhurst  
 Carol Louise Kearney, Avon  
 Thomas Patrick Keenan, Columbus  
 Shari Kelley, Columbus  
 James Timothy Kennedy, Mason  
 Daryl Ann Kidder, North East, Pa.  
 Elizabeth Case Kirk, Worthington  
 Carol Ann Klutch, Elida  
 Karen Beth Kostyn, Elyria  
 Carlene Jo Kramer, Shaker Heights  
 Carl Henry Krauskopf, III, Dayton  
 John Louis Krupla, Columbus  
 Charles Henry Kuhlman, Dayton  
 Susan Ailer Landfried, Ashland  
 Carla Warnecke Landin, Fort Jennings

Merle Rise Lapirow, Cincinnati  
     Cert. Grad. Dent. Hyg.  
 Patricia Atherton Larcomb, Shelby  
 Deborah Ann Lauber, Archbold  
 Sandra Roslyn Lawrence,  
     East Meadow, N.Y.  
 Goorley Newton Levering, Edison  
 Charles Emery Lew, Columbus  
 Sharon Ellen Light, Shaker Heights  
 Jacqueline Crumrine Litsey,  
     Wapakoneta  
 Beverly Elaine Loughner, Newark  
 Deborah Ann Lowman, Columbus  
 Linda Blansit Lowry, Newark  
 Charles Edward Lozano, Westerville  
 Pamela Lynne Lyles, Washington, D.C.  
 Margaret Mary Maag, Kalida  
 Jacqueline Evilisizor MacDonald,  
     Columbus  
 Jack Patrick Madden, Wapakoneta  
 Charles Howard Mader, Columbus  
 Nancy Whipple Main, Columbus  
 Donna J. Malainy, Shelby  
 David Lee Marbover, Louisville  
     B.S.  
 Marcia Fry Marhover, Columbus  
 Albert Edward Marignoni, Jr.,  
     Broadview Heights  
 Daniel William Marignoni,  
     Broadview Heights  
 Helen Thomas Mast, Columbus  
 Susan Gay Mathiason, Edina, Minn.  
 Linda Lou May, East Palestine  
 Philip Alan Mayer, Mansfield  
 Frank William Mayle, Columbus  
 Ralph Thomas McBride, Warren  
 Constance Bauer McDaniel,  
     Westerville  
 Paula Jean McDonald, Chardon  
 Walter Edward McNery, III,  
     Columbus  
 Carol Merchant McKinley, Kenton  
 Debra Eileen Menchhofer, Celina  
 Richard Everett Metz, Zanesville  
 Nadine Pfeiffer Middendorf, Findlay  
 Diana Kay Milan, Columbus  
 Charles Allan Miller, Delaware  
 Miletta Collins Miller, Columbus  
 Christine E. Milum, Mansfield  
 Gretchen Rose Moler, Lima  
 Victoria Ann Moore, Grove City  
 Carolyn Ann Mulbay, New Albany  
 Joseph Edward Murphy, Jr., Parma  
 Marilyn Jean Myers, Salina  
 David Michael Nance, Columbus  
 Joan Willowenc Nehlsen, Granville  
 Robert Gerard Neubert, Euclid

\*Also Bachelor of Arts, Colleges of the  
 Arts and Sciences

Charles Robert Newell, Jr., Marion  
 Norma Zorn Newell, Marion  
 La Verne Alice Nichols, Cleveland  
 Michael James Nishimura, Kettering  
 Diane L. Nisoff, Shaker Heights  
 Margaret Marshall O'Connell, Dayton  
 Mark Thomas O'Connor, Xenia  
 Deborah Kay Ogle, Lima  
 Joseph Wrink Orem, Powell  
 Eleanor Pearl Orenstein, Columbus  
 Kathleen Robbins Orr, Columbus  
 Susan Joy Overholt, Piqua  
 Kathy Sue Palestrant, Columbus  
 Cheryl Tana Parker, Orange, N.J.  
 James R. Payne, Montpelier  
 Melinda Kay Pelto, Findlay  
 Robert Earl Peters, Springfield  
 Veronica Malcolm Petru, Columbus  
 Timothy Gene Phillians, Marion  
 Barbara Jane Pierce, Camden, N.J.  
 B.A.  
 James Philip Pintz, Newark  
 Reginald Maurice Pitt, Newark  
 Anthony Porco, Steubenville  
 Laura Marie Porubsky,  
 Garfield Heights  
 Richard Gavin Poston, Columbus  
 Jennifer Mae Price, Brecksville  
 Dennis Ronald Radliff, Newark  
 Sue Ann Rankin, Fairview Park  
 Steven Gary Rapoport,  
 University Heights  
 J.C. Ratliff, Marion  
 Madeline Louise Rea, Gahanna  
 Adrienne Rich, Columbus  
 Cert. Grad. Dent. Hyg.  
 Angela Meyer Richards, Delaware  
 Patricia Ann Riehl, Columbus  
 James Andrew Ries, Columbus  
 David James Rihm, Dayton  
 Janice Ley Roberts, Lima  
 Katherine Joy Robison, McLean, Va.  
 Peter Andrew Robison, Columbus  
 Robin Peck Robson, Columbus  
 Sarahbeth Rose, Wellington  
 Marcia Nadine Rosen, Bronx, N.Y.  
 Sheila Terry Ross, Toledo  
 Alice Jungling Rostofor, Newark  
 Cynthia Marie Rothermel,  
 Villanova, Pa.  
 Jill Marie Rufo, Lorain  
 B.A.  
 Cheryl Miley Ruhl, Galion  
 Monica Alt Sanzo, Columbus  
 \*Frances Ann Sarro, Warren  
 Carl Weldon Schaaf, Galion  
 Susan Ann Schlecht, Columbus  
 Kathleen Jo Schleyer, Cincinnati  
 Deborah Kay Schottenstein, Columbus

Karen Lee Schreiber, Marion  
 Rebecca Dapper Schultz, Galion  
 Marian Vuyk Schumacher, Columbus  
 Rick Joseph Serge, Madeira  
 Jane Marie Sheldon, Bay Village  
 Sandra Gilmore Sheppard, Columbus  
 Thomas Ralph Sheppard, Columbus  
 Susan Jean Shireman, Galion  
 Phyllis Jean Shriver, Shreve  
 Elizabeth Ann Shub,  
 Cleveland Heights  
 Priscilla Treadwell Shutic, Avon Lake  
 Mary McGovern Sikora, Columbus  
 Joseph Jacob Silver, Dayton  
 Daphne Diane Sisson, Middletown  
 Eva Slomovic, Cleveland  
 David George Smith, Galion  
 Pamela Arthur Smith, Spencerville  
 Susan Louise Sosenko, Salem  
 Cert. Grad. Dent. Hyg.  
 Allan Drew Sowash, Mansfield  
 Janet Lynn Stehle, Columbus  
 Harold Lewis Stemen, Jr., Columbus  
 Christopher Carl Steve, Columbus  
 Robert Alan Stevens, Newark  
 Charles Thomas Storch, Reynoldsburg  
 Beverly Sue Strom, Mayfield Heights  
 Robert Earl Swift, Marion  
 Jacqueline Price Takacs, St. Clairsville  
 Michael Henry Tanner, Newark  
 Cynthia Suzanne Tawney, Middletown  
 Becky Sue Taylor, Wapakoneta  
 Mary-Jo Taylor, Mansfield  
 Susan Gayle Tedford, Cincinnati  
 Cert. Grad. Dent. Hyg.  
 Donna Malernee Terry, Columbus  
 Carolyn Clark Thompson,  
 Newcomerstown  
 Victoria Lynne Thompson, Zanesville  
 Cert. Grad. Dent. Hyg.  
 Mary Lee Tigner, Columbus  
 Julia Ann Treglia, Lima  
 Cathy Bee Tucker, Mansfield  
 Edee Lynn Turner, Waynesfield  
 Richard Douglas Uncapher, Marion  
 Paul Joseph Valine, Columbus  
 Carla Willemijn van der Hoeven,  
 Dayton  
 Deborah Isaly van Dommelen, Marion  
 Kay Ellen Van Niel, Amherst  
 Nora Maginn Van Riper, Marion  
 Dolores Ann Vitullo, Columbus  
 Susan Elaine Wade, Columbus  
 Donna June Wagner, Steubenville  
 Richard Harper Wakefield, Avon Lake  
 Peter Lawrence Walter, Grove City  
 Kristin Ruth Warren, Marion  
 Judith Elaine Weaver, Lima  
 Jane Marie Weekley, Columbus

\*Bruce Allen Weinstein,  
 University Heights  
 Janice Balk Weiser, Columbus  
 Cert. Grad. Dent. Hyg.  
 Dianna Lou Weller, Marion  
 Ann Tharp Wertz, Columbus  
 Linda Kay Whiting, Elmore  
 Linda Baker Wilcox, Columbus  
 Hannelore Gutwein Wilka, Columbus  
 Dolores Evans Williams, Heath  
 Jay Allen Willoughby, Berea  
 Dayle Lynn Wolfe, Mansfield  
 Carol Jean Wuenker, Columbus  
 Janice Faye Wunderle, Columbus  
 Hal Dean Wurthmann, Berlin  
 Cynthia Lee Yoder, Columbus

**Bachelor of Art Education and  
 Bachelor of Music Education  
 degree are offered jointly by the  
 College of the Arts and the  
 College of Education  
 Candidates are listed on page 21**

\*Also Bachelor of Arts, Colleges of the  
 Arts and Sciences

## College of Engineering

Dean: Harold A. Bolz

### Bachelor of Science in Aeronautical and Astronautical Engineering

One candidate

James Francis Lyons, Cleveland

### Bachelor of Science in Agricultural Engineering

One candidate

John Robert McKee, Euclid

### Bachelor of Science in Chemical Engineering

Five candidates

Patrick Lowell Berry, Columbus  
John Daniel Chmielewski, Toledo  
Carl Arthur Hofmann, Akron  
Luther Joseph Mills, III, Shadyside  
Richard Thurlow Schwarz,  
Cleveland Heights

### Bachelor of Science in Civil Engineering

Twenty-two candidates

Steven Barbour, Columbus  
Timothy Allan Bell, Quincy  
George Donald Biemel, Parma  
Ralph Dana Crabb, Columbus  
Bryan Courtney Curtis, Marietta  
Jerry Rodger Dailey, Grove City  
William Rodgers Feltz, Jr., Columbus  
Guerchon Mayer Galimidi,  
Brooklyn, N. Y.  
Joseph Lewis Gilbreath, Columbus  
Bruce Edward Goff, Martins Ferry  
Bruce Clifton Hills, Grafton  
Leslie Alan Karnes, Elyria  
Lavern Norbert Meyer, Ottawa  
Stephen Edward Rosebrook, Deshler  
Steven Carl Shimp, Columbus  
B.A. (Denison University)  
Gary Robert Short, Dover  
Jack Randall Smelker, Columbus  
Jerry Camden Swart, Columbus  
Jeffrey Alan Tarbuton, Columbus  
Leslie Eugene Thompson, Columbus  
Thomas Patrick Thornton,  
Youngstown

David Guy Webster, Painesville

### Bachelor of Science in Computer and Information Science

Fourteen candidates

Joseph Eugene Brehm, Columbus  
Ronald Erwin Bucher, Whitehouse  
Wayne Curtis Clark, Gallipolis  
Kenneth Donald Crebs, Columbus  
John Karl Farnlacher, Columbus  
Jay Edward Fleming,  
Winter Haven, Fla.  
William Victor Harper, Columbus  
Carolyn Swanson Hasbrouck,  
Columbus  
Dale Michael Kubacki, Willoughby  
Patrick A. Nuzum, Columbus  
Robert James Clinton Rice, Jackson  
Terrence Walter Ryan, Columbus  
Ronald Lee Smith, Cuyahoga Falls  
James Davis Veale, East Liverpool

### Electrical Engineer

One candidate

Edward Arthur Wilson,  
Kansas City, Mo.  
B.E.E.

### Bachelor of Science in Electrical Engineering

Nineteen candidates

William Anthony Albanese, Columbus  
Hamid Ashaary, Tehran, Iran  
Patrick Arthur Curran, Columbus  
B.S.  
Douglas Carl Dolch, North Olmsted  
James Lee Hefner, Columbus  
Keith A. Jamey, Columbus  
Fred Andrew Lovell, North Olmsted  
Cathy Mazgaj, Lorain  
Grant Carl Melocik, Chardon  
Eugene Jerome Meyer, Columbus  
Ray Arthur Overmyer, Amherst  
David Merlin Powell, Findlay  
John Clement Procarlo, Columbus  
John Wilfred Richards, II,  
Worthington

Olivier Henri Rinaldi,  
Caracas, Venezuela  
John Scott Steele, Gallipolis  
James Davis Veale, East Liverpool  
John Charles Werner, Genoa  
William Jay Wilke, North Olmsted

### Bachelor of Science in Industrial and Systems Engineering

Eleven candidates

David Wanner Barnitz, Columbus  
Donald Duane Borman, Lorain  
Rick Stephen Clark, Toledo  
David John Fuchik, Columbus  
Richard Wayne Garver, Columbus  
Kim William Lienberger, Lima  
Joseph Wood Londeree, III, Lancaster  
James Bertram Robinson, Galion  
Gary Lee Stevens, Columbus  
Stephen Milton Swearengin,  
St. Petersburg, Fla.  
Randall Thomas Wollam, Columbus

### Bachelor of Mechanical Engineering

Two candidates

Michael James Grimsley, Westerville  
Dennis John Justus, Columbus

### Bachelor of Science in Mechanical Engineering

Eighteen candidates

James Denny Albright, Mt. Vernon  
Gary Stephen Ash, Wooster  
Steven Glenn Conover, Cincinnati  
Farzin Gharabaghi, Tehran, Iran  
Stephen Curtis Hay, Dublin  
Michael David Heitkamp, Minster  
Jeffrey Daryl Hilleary, Columbus  
Thomas Doyle Hirt, Clyde  
Dennis Ralph Hoffer, Delaware  
Paul Herman Kreinbrink, Findlay  
Scott Eldridge Lambert, Columbus  
Charles Edwin Lyons, Springfield

<sup>1</sup> Also Bachelor of Science in Electrical Engineering, College of Engineering  
<sup>2</sup> Also Bachelor of Science in Computer and Information Science, College of Engineering  
<sup>3</sup> Also Master of Science, Graduate School

## College of Law

Dean: James C. Kirby, Jr.

James Albert Nagala, Oxford  
Howard Donald Ross, South Euclid  
Stephen Timm Sheridan, Columbus  
Stephen Earl Smith, Cincinnati  
Robert Leon Wacker, Wellington  
David Lee Wheeler, Columbus

### Bachelor of Science in Metallurgical Engineering

One candidate

Lawrence Edward Helm, Columbus

### Bachelor of Science in Welding Engineering

Two candidates

William Andrew Baeslack, III,  
Seven Hills  
Kenneth David Vaughan, Bucyrus

## School of Architecture

### Bachelor of Science in Architecture

Four candidates

Nancy Josephine Haydocy, Columbus  
Elton Earl Jones, Cincinnati  
Michael Lusk, Columbus  
Patricia Ann Runnels, Martinsville

### Bachelor of Science in Landscape Architecture

Three candidates

David Allen Matt, Cleveland  
Randall Otto Slabe, Parma  
B.S.  
Gary Lee Werkmeister,  
South Plainfield, N. J.

### Juris Doctor

Thirty-five candidates

James William Adair, III, Cincinnati  
B.S. (University of Cincinnati)  
Raymond Berry, Cincinnati  
B.S. (Xavier University)  
David Michael Buda, Medina  
B.A. (Kent State University)  
Douglas Richard Denny, Maple Heights  
B.S. (United States Merchant Marine  
Academy)  
Erwin Diener, Mansfield  
B.S. Ed.  
Thomas Arden Dillon, Marshall, Mich.  
B.S. in Ed. (Taylor University)  
David Peck Emmens, Mansfield  
B.A. (Kenyon College)  
Charles Joseph Taji Faruki, Dayton  
B.A. (University of Cincinnati)  
James Lewis Finefrock, Columbus  
B.M.E.

Mark Allen Frost, Salem  
B.A.

Carl Byron Fry, Columbus  
B.A.

John Dexter Gardner, Cincinnati  
B.A. (Johns Hopkins University)

Susan Dianne Garner, Columbus  
B.A.

James Frederick Gatzke, Columbus  
B.A.

William Allan Grim, Crestline  
B.A.

William Collins Hicks, Springfield  
A.B. (Dartmouth College)

Clara Jeanne Hudak, Cleveland  
A.B. (Saint Louis University)

Joseph Fulton Hutchinson,  
Ann Arbor, Mich.  
A.B. (University of Michigan)

Randall Lee Johnson, Hubbard  
B.A. (Ohio Northern University)

Roger William Kienzle, Canton  
B.A. (Malone College)

David Gary Latanick, Parma  
B.A. (Bowling Green State University)

Dennis Daryl Liston, Columbus  
B.A. (University of Iowa)

Philip Martin Manogg, Lakewood  
B.S.Bus.Adm.

Nancy Ashbrook Martin, Columbus  
B.A. (Ohio Dominican College)

James Shelby Nordholt, Jr., Tiffin  
B.S. Bus. Adm.

Wilbert James Outlaw, Cincinnati  
B.A.

Hubert Joseph Pries, Lexington  
B.S.Ed.

James Lee Rench, Germantown  
B.S. (Miami University)

George Carlton Rogers, Columbus  
B.S. (Ohio University)

George Willard Rooney, Jr., Akron  
B.S. (University of Virginia)

John Luther Ross, Canton  
A.B. (Ohio University)

Terry Lee Ross, Antwerp  
B.A.

Alan Bradley Schaeffer, Dayton  
A.B. (Hillsdale College)

Edward Frank Seidel, Jr., Columbus  
B.S. (Miami University)

Mark Wayne Sinkhorn, Kettering  
B.A.

College of Medicine

Dean: Henry G. Cramblett, M.D.

Doctor of Medicine

Eight candidates

Glenn Raymond Black, Akron  
B.S. (Bowling Green State University)  
Gerald Allan Dysert, Summerfield  
B.S.

Helen Mary Giemza, Cleveland  
B.A. (Case Western Reserve  
University)

John Stanley Held, Cincinnati  
B.S. (Xavier University)

Gregory John Kundrat, Worthington  
A.B. (Harvard University)

Mark Edward Meany, Cleveland  
B.S. (Xavier University)

Thomas Lee Strachan, Bedford  
B.S. (Denison University)

Robert Jeffrey Zieve, Columbus  
B.A. (Miami University)

Susan Noreen Rogers, Steubenville  
Sydney Lee Samuel, Rocky River  
Susan Lee Schoeppner, Columbus  
Deborah Kay Smith, Yellow Springs  
Phyllis Rankin Sturtevant,  
Worthington  
Karen Elizabeth Voss, Waverly  
Patricia Marie Warnecke, Ottoville  
Nancy Kate Willard, Wellston

Certificate of Post Baccalaureate  
Medical Technologist

Two candidates

Janice Waggoner Blackburn,  
Wintersville  
B.S.  
Rebecca Agnes Creer, Salem  
B.S.

School of Allied  
Medical Professions

Bachelor of Science in  
Allied Health Professions

Twenty-eight candidates

Karen Lee Adams, Gallipolis  
Susan Marie Sauner Carnahan,  
Columbus  
Catherine Jo Clark, Chagrin Falls  
Susan Mahan Condit, Cuyahoga Falls  
Donald Michael Elliott, West Mansfield  
Patricia Alene Foster, Fort Belvoir, Va.  
Daniel Gene Gregory, Columbus  
Phillip David Hoberty, Springfield  
Erin Theresa Keane, Steubenville  
Brenda Sue Kidder, Richmond, Va.  
Carole Ann Krichbaum, Mansfield  
Ellen Harrington LaVille, Worthington  
Deborah Sue Locke, Greenville  
Susan Fueger Lowe, Fairborn  
Timothy Maynard, Westlake  
Rebecca Jo Roll McLearn, Greenville  
Mary Katherine Meixner,  
Fort Recovery  
Jane Eilen Mesnard, Tiffin  
Ruth Gladys Plautz, Brecksville  
Ruth Ann Richards, Bronson, Mich.

The School of Nursing

Bachelor of Science in Nursing

Seven candidates

Janet Gerlak Call, Columbus  
Deborah Ann Freese, Marion  
Nondalee Blue Gerken, Columbus  
Dorothy Jones Mason, Columbus  
Stephen Eugene Mason, Columbus  
Debra Niemeyer McFeely, Columbus  
Jeanette Ruth Newman, Columbus

## Graduates With Honors

### Summa cum laude

Corwin Evert Belt, Columbus  
 Debra Sanderson Berry, Marion  
 Cindy Lou Brunton, Columbus  
 Louisa Ogden Dixon, Columbus  
 John Dexter Gardner, Cincinnati  
 Patricia Torbron Geoghegan, Columbus  
 Janice Irene Gillespie, Columbus  
 Carol Kiess Grove, Shelby  
 William Victor Harper, Columbus  
 Barbara Ellen Heilman, Mansfield  
 Kathryn Jean Henschen, New Bremen  
 David Franklin Jones, Columbus  
 Mary Blimes Katzenbach, Columbus  
 Joe Stephen Kersey, Lebanon  
 Elizabeth Case Kirk, Worthington  
 Carla Warnecke Landin, Fort Jennings  
 Susan Arlene Lowry, Columbus  
 Constance Bauer McDaniel, Chardon  
 Anne Katherine Millet, Troy  
 Diane L. Nisoff, Shaker Heights  
 Ray Arthur Overmyer, Amherst  
 David Sue Palestrant, Columbus  
 Richard Michael Pitorak, Middlefield  
 Nancy Cole Ports, Columbus  
 James Lee Rench, Germantown  
 Rita Rae Root, Pickerington  
 Frances Ann Sarro, Warren  
 Rebecca Dapper Schultz, Galion  
 Steven Carl Shimp, Columbus  
 Priscilla Treadwell Shutic, Avon Lake  
 James Theodore Stanceu, North Canton  
 William Edwin Stone, Lucas  
 Lori Marie Susyne, Seven Hills  
 James Patrick Thomas, Columbus  
 Julia Ann Treglia, Lima  
 Sue Carolyn Goins Turton, Grafton  
 John Anderson Wehrly, Eaton  
 Dolores Evans Williams, Heath  
 Lynne Ann Williams, Fairview Park  
 Randall Thomas Wollam, Columbus

### Summa cum laude and with Distinction in Agronomy

Timothy Dale Gerber, Brecksville

### Summa cum laude and with Distinction in Natural Resources

Michael Brian Stefan, Columbus

### Cum laude

Jean Loyd Adams, Columbus  
 Catherine Utz Albert, Shelby  
 John Christopher Baker, Warren  
 Patricia Richie Baker, Mansfield  
 Elizabeth Ann Beebe, Marengo  
 Judith Ann Benezra, Mentor  
 Ruth Ann Bolyard, Lima  
 John Charles Brackin, Lower Burrell, Pa.

Donna Miskin Brail, Columbus  
 Rick Stephen Clark, Toledo  
 David Jacob Daulton, Columbus  
 Carolyn Delbrugge Dawson, Columbus  
 Douglas Richard Denny, Maple Heights  
 Martin Harold Derrrow, Columbus  
 Donald Lewis Dixon, Columbus  
 Jane Ellen Doak, Marietta  
 Mary Jane Fahrenbruck, Tiffin  
 Mary Ann Falvey, Kettering  
 Charles Joseph Taji Faruki, Dayton  
 William Rodgers Feltz, Jr., Columbus  
 Martin Lee Flicker, Columbus  
 Sally Ann Freedman, Atlanta, Ga.  
 Francis Ambrose Fregiato, Martins Ferry  
 Mark Allen Frost, Salem  
 Pamela Jean Fusner, Newark  
 Susan Dianne Garner, Columbus  
 James Frederick Gatzke, Columbus  
 Edward William George, Botkins  
 Nondalee Blue Gerken, Columbus  
 Joan Dorif Gibson, Columbus  
 Amy Knight Goffee, Columbus  
 Lorraine Ann Gratz, Lakeview  
 William Allan Grim, Crestline  
 Carolyn Swanson Hasbrouck, Columbus  
 Thomas Lee Hertlein, Vandalia  
 William Collins Hicks, Springfield  
 Margaret Dautremont Honton, Columbus  
 Marcia Ellen Howell, Baldwin, N. Y.  
 Kathryn Jean Irwin, Columbus  
 Kristine Antoinette Johanson, Columbus  
 Robert Erik Kose, Pickerington  
 David Gary Latanick, Parma  
 Dennis Daryl Liston, Columbus  
 Carol Merchant McKinley Kenton  
 Debra Eileen Menchhofer, Celina  
 Mark Evans Miller, Lindsey  
 Susan Robinson Miller, Miamisburg  
 Henry David Millitt, Bellaire  
 Patrick Pel Yung Moh, Hong Kong  
 Erin Frances Moriarty, Columbus  
 Joan Willovene Nehlsen, Granville  
 Kathleen Allison Neverman, Solon  
 Norma Zorn Newell, Marion  
 Carol Lynn Nicolls, Columbus  
 Michael James Nishimura, Kettering  
 Beverly Jane Pack, Columbus  
 Sheri Lynn Perlman, Canton  
 Timothy Gene Phillians, Marion  
 Robert Neal Pierce, Columbus  
 Thomas Paul Plassman, Napoleon  
 Jill Denise Powell, Ada  
 Anne C. Puglisi, Columbus  
 J. C. Ratliff, Marion  
 Robert Alan Roch, Warrensville Heights  
 George Willard Rooney, Jr., Columbus  
 Vicky Linn Ross, Dayton  
 Thomas Harold Sager, Johnstown

Howard Briggs Sampson, Jr., Columbus  
 Barbara Hugney Schickling, Columbus  
 Nancy Lee Schmelzer, Lancaster  
 Deborah Kay Schottenstein Columbus  
 Edward Frank Seidel, Jr., Columbus  
 Jeanetta Petry Sinzinger, Columbus  
 David George Smith, Galion  
 James Thomas Spaeth, Columbus  
 Josephine Mary Stabile, Columbus  
 Janet Lynn Stehle, Columbus  
 Jean Lorene Swanger, Willoughby  
 Deborah Kay Swanson, Dayton  
 Thomas Milton Thompson, Columbus  
 Deborah Isaly van Dommelen, Marion  
 Nora Maginn Van Riper, Marion  
 Susan Elaine Wade, Columbus  
 William Jay Wilke, North Olmsted  
 Linda Widman Wyer, Northfield  
 Anita Losey Wyner, Columbus  
 Jeffrey Tod Wysel, Columbus  
 Karen Fae Zimmerman, Cuyahoga Falls  
 John Joseph Zulliger, Lima

### Cum laude and with Distinction in Animal Science

Thomas Lawrence Smith, Loveland

### Cum laude and with Distinction in City and Regional Planning

Sharon Jean Rice, Columbus

### Cum laude and with Distinction in Dairy Science

Alan Bruce Bigler, Parma Heights

### Cum laude and with Distinction in English

Patrick Owen Moore, Columbus

### Cum laude and with Distinction in Sociology

Lenore Kligman, Jericho N. Y.

### Cum laude and with Distinction in Spanish

Frances Ann Sarro, Warren

### With Distinction in Botany

James Lynn Frey, Lima

### With Distinction in Home Economics

Cheryl Ann Moffitt, East Liberty



Page 323 Blank

Page 324 Blank

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND NINETY-THIRD MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, February 1, 1974

The Board of Trustees met at its regular monthly meeting on Friday, February 1, 1974, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: John H. Dunlap, Acting Chairman, James W. Shocknessy, William C. Safford, M. Merle Harrod, John L. Gushman, Patricia D. James, and Chester Devenow.

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Minutes of the last meeting were approved.

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February 1, 1974 meeting, Board of Trustees

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Upon motion of Mr. Safford, seconded by Mr. Harrod, Mr. John H. Dunlap was elected to preside at this meeting in the absence of the Chairman, Mr. Don M. Hilliker.

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Mr. Dunlap acknowledged the presence of Mr. Ed Heinke and indicated his pleasure on behalf of the Board and thanked him for the wonderful publicity given the University in his recent articles on "Program 65."

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#### RESOLUTIONS IN MEMORIAM

President Enarson reported to the Board the deaths of Esther Allen Gaw, Dean of Women Emeritus; Alan W. Hart, Head Athletic Trainer in the Department of Athletics, and Instructor in the School of Health, Physical Education, and Recreation; and Salvatore M. Marco, Professor Emeritus in the Department of Mechanical Engineering. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

##### A. Esther Allen Gaw

The Board of Trustees of The Ohio State University expresses its sorrow at the death on December 27, 1973, of Esther Allen Gaw, Dean of Women Emeritus.

Dean Gaw was born in Hudson, Ohio, December 28, 1879. She received a B.A. degree from Western Reserve University in 1910; and a Ph.D. degree from the University of Iowa in 1919. She was a sister of Judge Florence Allen, the first woman elected to the Supreme Court of Ohio in 1921. Mrs. Gaw served as Dean of Women at The Ohio State University for seventeen years. While holding this position she became interested in Spanish and attended freshman and advanced classes in the subject. She became so proficient in the language that in 1938 she was invited to visit Santiago, Chile, as a special lecturer in psychology.

Mrs. Gaw was named Dean of Women Emeritus when she retired on March 31, 1944. She was a member of the American Psychological Association, a Fellow in the American Association for the Advancement of Science, a member of Sigma Xi, Phi Beta Kappa, and Pi Lambda Theta. After retirement she made her home in California.

On behalf of the University, the Board of Trustees expresses to the family and her friends its deep sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

RESOLUTIONS IN MEMORIAM (continued)

B. Alan W. Hart

The Board of Trustees of The Ohio State University expresses its sorrow at the death of Alan W. Hart, Head Athletic Trainer in the Department of Athletics, and Instructor in the School of Health, Physical Education, and Recreation, on November 25, 1973.

Mr. Hart was born May 27, 1936, in Cleveland, Ohio. He lived his entire pre-college life in Cleveland, having graduated from Fairview Park High School in 1954. He was active in high school athletics and served as President of his Junior Class.

In the fall of 1954 Mr. Hart enrolled at Ohio University and in the spring of 1958, graduated from that school with a B.S. in Education degree. While in college he served as a student athletic trainer and became interested in this field as a profession.

Upon graduation from Ohio University, Mr. Hart was named Head Athletic Trainer at his alma mater. He remained in this position until August, 1971, when he was named Head Athletic Trainer at The Ohio State University.

During the time that Mr. Hart was associated with the Ohio State Athletic Department, he gained the complete respect and admiration of the athletes, coaches, and administrators for his knowledge and warmth shown to all. He was efficient, competent, and compassionate. Everyone who knew Mr. Hart liked him.

Last summer he was selected to be Head Trainer for the United States athletes competing in the World University Games in Russia.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Hart its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be sent to his family as a sincere expression of sympathy and respect.

C. Salvatore M. Marco

The Board of Trustees of The Ohio State University expresses its sorrow at the death of Salvatore M. Marco, Professor Emeritus in the Department of Mechanical Engineering, on December 15, 1973.

Professor Marco was born in Cleveland, Ohio, on December 19, 1907. He graduated from Cleveland's East Technical High School in 1926. He earned his Bachelor of Mechanical Engineering degree (1930) and his Master of Science degree (1932) from The Ohio State University. Professor Marco began his academic career at The Ohio State University in 1935 as an Instructor of Mechanical Engineering. He progressed rapidly to Assistant Professor

RESOLUTIONS IN MEMORIAM (continued)

C. Salvatore M. Marco (continued)

in 1940, Associate Professor in 1944, and Professor in 1947. He was appointed Chairman of the Department of Mechanical Engineering in 1952 and served with distinction until 1968, when he elected to return to the classroom and research.

Professor Marco dedicated his life to The Ohio State University and during his 35 years as a member of the faculty he made many outstanding contributions in teaching and research in the design and heat transfer area, in sixteen years as Chairman in active participation with the many committees through which the University functions, and in many national society committees which establish the criteria for the engineering profession.

His superlative teaching and consideration of his students is attested to by many spontaneous acclamations of former students. He was always available for counsel and consultation and all who knew him have felt the warmth of kindness.

His textbook on heat transfer was ahead of its time and was adopted by more than fifty colleges. This text was also translated and sold in foreign countries. His high quality technical papers and direct contributions have enhanced technical societies and the engineering profession.

In the past few years he developed a new program of teaching and research in engineering acoustics; timely for its contribution to improvement of our environment.

His character was unassailable. He set high standards on integrity, honesty, and moral values and then lived his daily life meticulously by them. This, with his total dedication to the University, led him to membership and leadership in the highest level councils.

His influence on our civilization is ensured by his direction of at least thirty-five doctoral dissertations and scores of master's theses. At least twenty of his former advisees serve on no less than thirteen college faculties and many are leaders in research and industry.

On behalf of the University community, the Board of Trustees expresses to the family of Salvatore M. Marco its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to Mrs. Salvatore Marco as a sincere expression of sympathy and respect.

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President Enarson presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Revision of Rules 41.15, 47.05, 47.07, 47.09,  
and 47.11 of Rules for the University Faculty

In order to make the Rules for the University Faculty compatible with the recently enacted Amended Substitute Senate Bill 1, 110th General Assembly, establishing 18 years as the age of majority within the State of Ohio, President Enarson proposed that the Rules for the University Faculty be modified as follows:

41.15. Student Addresses.

At the time of registration each student shall submit to the Office of Registration and Records the address of the person who should be notified in case of emergency and his local address. All subsequent changes to these addresses shall be promptly reported to the Office of Registration and Records as long as he is currently enrolled at the University.

47.05. Academic Warning.

Section 1. Any student who has never attended another college or university and who seeks to enroll as a new freshman in this University shall be placed on special warning when his application for admission is received and processed if his academic credentials indicate the probability of low achievement. He shall be so informed before final registration and the payment of fees are completed, except as provided in Rule 47.11. The fact that special warning has been given shall be made known to the office of the College or School to which he seeks admission.

Section 2. If, at the end of any quarter, a student subject to the provisions of Rule 47.03 has accumulated deficiency points in the range from one through fourteen, he shall receive a warning from the Dean of his College, or the Director of his School, except as provided in Rule 47.11.

47.07. Academic Probation.

Section 1. Any student who has accumulated fifteen or more deficiency points shall be placed on probation. The probation shall continue provided the student's college considers his progress to be satisfactory and shall be removed when he has reduced his deficiency points to fourteen or

February 1, 1974 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Revision of Rules 41.15, 47.05, 47.07, 47.09,  
and 47.11 of Rules for the University Faculty (continued)

47.07. Academic Probation.

fewer. The student shall be notified of probationary status by the Dean of the College or the Director of the School in which he is registered, except as provided in Rule 47.11. Such notification shall include a clear statement of what shall be considered to be satisfactory progress.

Section 2. Probation by special action. If at any time the preparation, progress, or success of a student in his academic program is determined to be unsatisfactory, the College or School in which the student is registered shall be empowered to place him on academic probation.

47.09. Academic Dismissal.

Section 1. If the student's College or School considers a student's progress as unsatisfactory in meeting the conditions placed on his probation the College or School shall be empowered to dismiss him from the University. An exception to this authority for undergraduate professional students shall be in accordance with Rule 47.03, Section 1. Notice of the dismissal shall be sent to the student by the Dean of the College or the Director of the School in which the student was registered for the quarter, except as provided in 47.11. No student shall be subject to academic dismissal unless he is currently on probation.

47.11. Notice of Dismissal.

Notice of dismissal from the University shall be sent by the Dean of the College in which the dismissed student is registered.

Upon motion of Mr. Safford, seconded by Mr. Gushman, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.



February 1, 1974 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. 1973-1974 Budget Second Quarter Reconciliation  
(Quarter Ended December 31, 1973)

Based upon the experience of the second quarter, the University's estimated income for the fiscal year will be \$285,948,000 which represents only a slight modification from an income of \$285,851,000 that was anticipated and approved by the Board on September 7, 1973.

There were some significant variations in the individual sources of income. Increases were primarily associated with a larger enrollment than anticipated this past Autumn Quarter and the concomitant increases in the state instructional subsidy, student fees, and housing revenue. The endowment income would appear to be significantly larger than anticipated due to an increase in the number of gifts as well as earnings. Intercollegiate Athletics was also increased due to a modification in the accounting and reporting procedures. These increases were largely offset by decreases in federal grants and contracts funds due to program reductions.

The budget expenditure program has been modified to be commensurate with the changes in the activities within the areas in which the modifications of income were experienced.

President Enarson recommended that the sources of income and the budget as presented on the attached tables be approved.

Upon motion of Mr. Harrod, seconded by Mr. Safford, the Board of Trustees approved the above recommendation by unanimous roll call vote.

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II. PERSONNEL ACTIONS

Personnel actions since the December 7, 1973 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Appointments, Leaves of Absence Without Salary, and Emeritus Titles:

A. Appointments

Edward H. Bowman, Dean, College of Administrative Science, effective September 1, 1974, at a salary of \$38,568.00 per annum.

Frederick R. Cyphert, Dean, College of Education, effective July 1, 1974, at a salary of \$37,968.00 per annum.

# SOURCES OF INCOME FOR THE 1973-74 BUDGET

	Budget Approved September 7, 1973	Revised Budget December 31, 1973	Difference
<hr/>			
Current General Unrestricted			
Columbus Campus			
Instructional Subsidy	\$ 72,417,000	\$ 73,482,000	\$1,065,000
Student Fees	43,614,000	43,735,000	121,000
Earnings Operations	4,718,000	4,718,000	-0-
Temporary Investments	1,700,000	1,700,000	-0-
All Other	1,616,000	1,616,000	-0-
	<hr/>	<hr/>	
Total Columbus Campus	\$124,065,000	\$125,251,000	\$1,186,000
Regional Campuses			
Lima Campus	\$ 1,572,000	\$ 1,680,000	\$ 108,000
Mansfield Campus	1,482,000	1,603,000	121,000
Marion Campus	985,000	961,000	(24,000)
Newark Campus	1,326,000	1,397,000	71,000
Agricultural Technical Institute	770,000	794,000	24,000
	<hr/>	<hr/>	
Total Regional Campuses	\$ 6,135,000	\$ 6,435,000	\$ 300,000
Departmental Earnings	\$ 5,419,000	\$ 5,419,000	\$ -0-
University Services	2,144,000	2,144,000	-0-
	<hr/>	<hr/>	
Total Unrestricted	\$137,763,000	\$139,249,000	\$1,486,000
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Current General Restricted			
Endowments	\$ 1,700,000	\$ 1,950,000	\$ 250,000
Federal Grants and Contracts	45,500,000	42,240,000	( 3,260,000)
Ohio Grants and Contracts	2,200,000	2,200,000	-0-
Engineering Experiment Station	1,865,000	1,865,000	-0-
Development Fund	3,100,000	3,100,000	-0-
Other Private Gifts and Grants	1,850,000	1,850,000	-0-
Conference Accounts	1,200,000	1,200,000	-0-
	<hr/>	<hr/>	
Total Restricted	\$ 57,415,000	\$ 54,405,000	(\$3,010,000)
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Current General Auxiliaries			
Cooperative Extension	\$ 12,317,000	\$ 12,317,000	\$ -0-
University Hospitals	48,515,000	48,515,000	-0-
Student Housing	12,994,000	13,924,000	930,000
Intercollegiate Athletics	4,809,000	5,500,000	691,000
University Bookstores	2,630,000	2,630,000	-0-
Student Unions	1,439,000	1,439,000	-0-
Parking Facilities	1,480,000	1,480,000	-0-
Fawcett Center	922,000	922,000	-0-
Facilities Services	1,974,000	1,974,000	-0-
Dairy and Meats Laboratories	2,076,000	2,076,000	-0-
University Airport	1,008,000	1,008,000	-0-
Other	509,000	509,000	-0-
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Total Auxiliaries	\$ 90,673,000	\$ 92,294,000	\$1,621,000
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Total Current General Funds	\$285,851,000	\$285,948,000	\$ 97,000
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BUDGETS FOR THE 1973-74 YEAR

	Budget Approved September 7, 1973	Revised Budget December 31, 1973	Difference
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Current General Unrestricted			
Columbus Campus			
Personnel Services	\$101,206,000	\$102,478,000	\$1,272,000
Operating and Equipment	22,060,000	22,558,000	498,000
All Other	<u>5,756,000</u>	<u>5,475,000</u>	<u>(281,000)</u>
Total Columbus Campus	<u>\$129,022,000</u>	<u>\$130,511,000</u>	<u>\$1,489,000</u>
Regional Campuses			
Administration	\$ 131,000	\$ 116,000	\$ (15,000)
Lima Campus	1,401,000	1,430,000	29,000
Mansfield Campus	1,306,000	1,395,000	89,000
Marion Campus	851,000	874,000	23,000
Newark Campus	1,177,000	1,214,000	37,000
Agricultural Technical Institute	<u>671,000</u>	<u>680,000</u>	<u>9,000</u>
Total Regional Campuses	<u>\$ 5,537,000</u>	<u>\$ 5,709,000</u>	<u>\$ 172,000</u>
Departmental Earnings	\$ 5,323,000	\$ 5,323,000	\$ -0-
University Services	2,133,000	2,133,000	-0-
Research Foundation Administration	<u>1,530,000</u>	<u>1,530,000</u>	<u>-0-</u>
Total Unrestricted	<u>\$143,545,000</u>	<u>\$145,206,000</u>	<u>\$1,661,000</u>
Current General Restricted			
Endowments	\$ 1,000,000	\$ 1,250,000	\$ 250,000
Mershon Center	700,000	700,000	-0-
Federal Grants and Contracts	41,295,000	37,860,000	( 3,435,000)
Ohio Grants and Contracts	2,200,000	2,200,000	-0-
Engineering Experiment Station	1,735,000	1,735,000	-0-
Development Fund	3,100,000	3,100,000	-0-
Other Private Gifts and Grants	1,834,000	1,834,000	-0-
Conference Accounts	<u>1,200,000</u>	<u>1,200,000</u>	<u>-0-</u>
Total Restricted	<u>\$ 53,064,000</u>	<u>\$ 49,879,000</u>	<u>(\$3,185,000)</u>
Current General Auxiliaries			
Cooperative Extension	\$ 12,317,000	\$ 12,317,000	\$ -0-
University Hospitals	46,721,000	46,721,000	-0-
Student Housing	12,994,000	13,924,000	930,000
Intercollegiate Athletics	4,809,000	5,500,000	691,000
University Bookstores	2,630,000	2,630,000	-0-
Student Unions	1,838,000	1,838,000	-0-
Parking Facilities	1,480,000	1,480,000	-0-
Fawcett Center	922,000	922,000	-0-
Facilities Services	1,974,000	1,974,000	-0-
Dairy and Meats Laboratories	2,076,000	2,076,000	-0-
University Airport	972,000	972,000	-0-
Other	<u>509,000</u>	<u>509,000</u>	<u>-0-</u>
Total Auxiliaries	<u>\$ 89,242,000</u>	<u>\$ 90,863,000</u>	<u>\$1,621,000</u>
Total Current General Funds	<u>\$285,851,000</u>	<u>\$285,948,000</u>	<u>\$ 97,000</u>

February 1, 1974 meeting, Board of Trustees

II. PERSONNEL ACTIONS (continued)

A. Appointments (continued)

John P. Schoessler, Assistant Dean and Assistant Professor, College of Optometry, effective January 1, 1974, at a salary of \$21,048.00 per annum.

Frederick P. Zuspan, Professor and Chairman, Department of Obstetrics and Gynecology, effective December 1, 1974, at a salary of \$40,128.00 per annum.

B. Leaves of Absence Without Salary

George J. Demko, Professor, Department of Geography, effective April 1, 1974 through June 30, 1974, to conduct research at Comenius University in Bratislava, Czechoslovakia.

James Morganstern, Assistant Professor, Division of History of Art, effective April 1, 1974 through June 30, 1974, to work on archaeological project in Turkey.

Hannah H. Beish, Instructor, Cooperative Extension Service, effective February 1, 1974 through February 28, 1974, to participate in a program of professional development at the University of Akron.

Geraldine I. Olson, Instructor, Cooperative Extension Service, effective January 1, 1974 through June 30, 1974, to accept an Institute of Life Insurance Fellowship through the American Home Economics Association to complete requirements for the Ph.D. degree.

Charlotte S. Sweet, Instructor, Division of History of Art, effective January 1, 1974 through March 31, 1974, for personal reasons.

C. Emeritus Titles

Lowell A. Wrigley, Office of Student Services, with the title Assistant Dean Emeritus, effective August 1, 1973.

William A. Stephen, Cooperative Extension Service, with the title Professor Emeritus, effective July 1, 1973.

Emmerich von Haam, Department of Pathology, with the title Professor Emeritus, effective July 1, 1973.

February 1, 1974 meeting, Board of Trustees

II. PERSONNEL ACTIONS (continued)

C. Emeritus Titles (continued)

Robert T. Trippy, College of Dentistry, with the title Associate Professor Emeritus, effective October 1, 1973.

Ruth D. DeVol, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective January 1, 1974.

Woodrow W. Hamilton, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective January 1, 1974.

Wilbur C. Roberts, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective January 1, 1974.

Berman E. Ross, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective January 1, 1974.

President Enarson recommended that the Appointments, Leaves of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Safford, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

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February 1, 1974 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

SECOND QUARTER 1973-74

OFFICE OF FISCAL AFFAIRS AND THE TREASURER OF THE UNIVERSITY

	Number of Projects	Level of Support	% Change from 1972-73
<u>Federal</u>			
Student	1	\$ 47,148.00	(40)
Training Grants	<u>10</u>	<u>601,699.00</u>	<u>(86)</u>
Total - Federal	11	\$ 648,847.00	(85)
<u>State of Ohio</u>	6	296,753.00	648
<u>Industrial and Other</u>	<u>6</u>	<u>68,287.00</u>	<u>(78)</u>
Totals	23	\$1,013,887.00	(79)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

	Number of Projects	Level of Support	% Change from 1972-73
<u>Federal</u>			
U. S. Atomic Energy Com- mission	0		(100)
National Aeronautics and Space Administration	4	\$ 162,076.00	25
National Science Foundation	17	563,100.00	(14)
Department of Defense	16	607,916.00	86
Health, Education, and Welfare	19	1,060,814.03	(43)
Other Federal	<u>10</u>	<u>140,334.00</u>	<u>(42)</u>
Total - Federal	66	\$2,534,240.03	(24)
<u>State of Ohio</u>	2	128,784.00	143
<u>Industrial, Subcontracts/Grants, and Other Non-Federal</u>	<u>42</u>	<u>3,476,906.00</u>	<u>1221</u>
Totals	110	\$6,139,930.03	69

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

THE ENGINEERING EXPERIMENT STATION

	Number of Projects	Level of Support	% Change from 1972-73
<u>Federal</u>	2	\$ 10,925.00	(21)
<u>State of Ohio</u>	4	217,277.00	11
<u>Industrial and Other</u>	66	191,069.00	141
Totals	72	\$ 419,271.00	48

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

	Number of Donors	Level of Support	% Change from 1972-73
<u>General Solicitation</u>	10,069	\$ 235,885.32	5
<u>Major Resources Group</u>			
Major Individual Gifts	264	1,192,693.87	10
Corporate Gifts	94	264,452.48	(36)
Foundation and Non- Profit Organization Gifts	110	416,000.78	38
	468	\$1,873,147.13	4
Totals	10,537	\$2,109,032.45	4

February 1, 1974 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

President Enarson recommended that the following contracts and grants negotiated and monies received for the months of November and December be accepted.

Summary for November 1973

	No. of Projects	Support Level
Office of Fiscal Affairs and the Treasurer of the University	4	\$ 70,682.00
The Ohio State University Research Foundation	36	1,229,003.00
The Engineering Experiment Station	2	<u>23,983.00</u>
		\$1,323,668.00
(Donors)		
The Ohio State University Development Fund	2,909	721,708.29

Summary for December 1973

	No. of Projects	Support Level
Office of Fiscal Affairs and the Treasurer of the University	9	\$ 650,223.00
The Ohio State University Research Foundation	29	<u>3,161,629.00</u>
		\$3,811,852.00
(Donors)		
The Ohio State University Development Fund	4,357	986,908.60

A detailed listing of the items in each section is shown on the following pages.

Upon motion of Mr. Devenow, seconded by Mr. Safford, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the report from the Office of Fiscal Affairs and the Treasurer of the University and The Ohio State University Development Fund, including the establishment of named funds, were approved by unanimous voice vote.



February 1, 1974 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

A. Office of Fiscal Affairs and Treasurer of the University

1. Federal Contract/Grant

- a. \$31,431.00 additional grant from National Institute of Education, Contracts/Grants Management Division, Washington, D. C., for phase-out of ERIC Clearinghouse on Vocational and Technical Education, under the direction of the Center for Vocational-Technical Education, for the period September 1, 1973 through November 30, 1973. (Contract No. OEC-0-70-1214, Modification No. 9)

2. State of Ohio Contracts/Grants

- a. \$23,751.00 granted by State of Ohio, Department of Education, Columbus, Ohio, for introducing the career development continuum concept to teacher candidates in the pre-service teacher education program, under the direction of the Academic Faculty of Special Services, for the period September 1, 1973 through June 30, 1974.
- b. \$15,000.00 granted by Ohio Department of Education, Division of Special Education, Columbus, Ohio, for classroom and in-service training for teacher education in the area of special education administration, under the direction of the Academic Faculty of Exceptional Children, for the period July 1, 1973 through June 30, 1974.

TOTAL - State of Ohio Contracts/Grants \$38,751.00

3. Industrial and Other Contract/Grant

- a. \$500.00 additional grant from The Ford Foundation, New York, New York, for Doctoral Fellowships for Black Americans for 1973-1974, under the direction of the Graduate School.

B. The Ohio State University Research Foundation

1. Federal Research Contracts/Grants

- a. \$132,250.00 additional funds from Department of Health, Education and Welfare, Office of Education, Contracts and Grants Division, Washington, D. C., for Establishing and Operating a National Center on Educational Media for the Handicapped, under the direction of Academic Faculty of Curriculum and Foundations. (Project 3471-A1 - Mod. #3)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts/Grants (continued)

- b. \$117,970.00 from Department of the Navy, Office of Naval Research, Arlington, Virginia, for Defense Cost and Price Analysis Course, under the direction of College of Administrative Science, Division of Continuing Education, for period July 1, 1972 through December 31, 1974. (Project 3528-A1 - Amend. #2)
- c. \$73,089.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, for Development Study of Congenital Glaucoma, under the direction of Department of Veterinary Clinical Sciences, for period November 1, 1973 through October 31, 1974. (Project 3830-A1 - New)
- d. \$62,691.00 from Department of the Navy, Office in Charge, Naval Regional Procurement Office, Long Beach, California, for Man-Pack Loop Antenna System, under the direction of Department of Electrical Engineering, ElectroScience Laboratory, for period October 15, 1973 through October 14, 1974. (Project 3824-A1 - New)
- e. \$60,000.00 from Department of the Navy, Office of Naval Research, Arlington, Virginia, for Five-Day Defense Contract Negotiation Techniques Course, under the direction of College of Administrative Science, Division of Continuing Education, for period August 15, 1972 through December 31, 1974. (Project 3523-A1 - Mod. #01)
- f. \$54,985.00 from Department of the Navy, Naval Air Systems Command, Washington, D. C., for Adaptive Arrays Multiple Access Communications Systems, under the direction of Department of Electrical Engineering, ElectroScience Laboratory, for period December 1, 1973 through November 30, 1974. (Project 3832-A1 - New)
- g. \$48,593.00 from Department of Transportation, Washington, D. C., for Laboratory Spectroscopy of Environmental Pollutants, under the direction of Department of Physics, for period November 1, 1973 through June 30, 1974. (Project 3831-A1 - New)
- h. \$30,000.00 from National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, for Omega Signal Disturbance by Obstacles and Surface Impedance Variations, under the direction of Department of Electrical Engineering, ElectroScience Laboratory, for period September 1, 1969 through November 14, 1974. (Project 2902 - Sup. #5)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts/Grants (continued)

- i. \$30,000.00 from Department of the Navy, Office of Naval Research, Arlington, Virginia, for Defense Termination Settlement, under the direction of College of Administrative Science, Division of Continuing Education, for period November 16, 1970 through December 31, 1974. (Project 3150-A1 - Mod. #05)
- j. \$28,562.00 from Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, for Studies in Learning and Perception, under the direction of Department of Psychology, for period December 1, 1973 through November 30, 1974. (Project 887-P - Ext. #15)
- k. \$25,900.00 from Department of the Navy, Office of Naval Research, Arlington, Virginia, for Defense Multi-Year Procurement and Two-Step Formal Advertising, under the direction of College of Administrative Science, Division of Continuing Education, for period January 1, 1970 through December 31, 1974. (Project 3006-A1 - Mod. #7)
- l. \$25,900.00 from National Science Foundation, Washington, D. C., for Glaciology and Glacial History of James Ross, Deception, King George and Livingston Islands, under the direction of Institute of Polar Studies, for period November 1, 1973 through October 31, 1974. (Project 3839-A1 - New)
- m. \$24,800.00 from National Science Foundation, Washington, D. C., for Linguistic Units and Boundaries, under the direction of Department of Linguistics, for period November 15, 1971 through February 28, 1975. (Project 3349-A1 - Amend. #2)
- n. \$19,700.00 from National Science Foundation, Washington, D. C., for Preparation of Micrometeorological Studies at the South Pole, under the direction of Institute of Polar Studies, for period November 1, 1973 through October 31, 1974. (Project 3838-A1 - New)
- o. \$16,000.00 from Department of the Navy, Office of Naval Research, Procuring Contracting Officer, Arlington, Virginia, for Open-Loop Analysis of the Carbon Dioxide Receptor Reflex, under the direction of Department of Physiology, for period May 1, 1969 through October 31, 1974. (Project 2822 - Mod. #5)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts/Grants (continued)

- p. \$15,500.00 from National Science Foundation, Washington, D. C., for Preparation and Investigation of Compounds Containing Aluminum-Boron, Aluminum-Silicon and Aluminum-Transition Metal Bonds, under the direction of Department of Chemistry, for period December 1, 1973 through November 30, 1974. (Project 3826-A1 - New)
- q. \$7,800.00 from U. S. Civil Service Commission, Bureau of Training, Washington, D. C., for "Research and Development Contracting" Course for U. S. Civil Service, under the direction of College of Administrative Science, Division of Continuing Education, for period August 1, 1973 through July 31, 1974. (Project 3808-B1 - New)
- r. \$7,800.00 from U. S. Civil Service Commission, Bureau of Training, Washington, D. C., for "Government Property Administration" Course for U. S. Civil Service, under the direction of College of Administrative Science, Division of Continuing Education, for period August 1, 1973 through August 31, 1974. (Project 3808-C1 - New)

TOTAL - Federal Research Contracts/Grants \$781,540.00

2. State of Ohio Research Contracts/Grants

- a. \$93,688.00 from Ohio Department of Economic and Community Development, Administration of Justice Division, Columbus, Ohio, for Goals and Standards Comparison, under the direction of College of Administrative Science, Division of Public Administration, for period September 4, 1973 through May 9, 1974. (Project 3807-A1 - New)
- b. \$35,096.00 from Ohio Department of Mental Health and Mental Retardation, Division of Mental Retardation, Columbus, Ohio, for Research and Legislative Drafting in the Area of Ohio Law on Mental Retardation, under the direction of College of Law, for period October 1, 1973 through September 30, 1974. (Project 3828-A1 - New)

TOTAL - State of Ohio Research Contracts/Grants \$128,784.00

3. Industrial, Subcontracts/Grants and Other Non-Federal Research Contracts/Grants

- a. \$132,070.00 from The Ohio Valley Health Services Foundation, Inc., Athens, Ohio, for Education Component of the Consolidated Medical Services System for Southeastern Ohio, under the direction of Department of Preventive Medicine, for period October 1, 1972 through September 30, 1974. (Project 3615-A1 - Amend. #1)

February 1, 1974 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

3. Industrial, Subcontracts/Grants and Other Non-Federal  
Research Contracts/Grants (continued)

- b. \$54,593.00 from American Cancer Society, Inc., New York, New York, for Endocrine Profiles in Patients with Breast Cancer, under the direction of Department of Medicine, for period January 1, 1974 through December 31, 1975. (Project 3847-A1 - New)
- c. \$26,075.00 from American Cancer Society, Inc., New York, New York, for Effect of Chemotherapy on Macrophage Function, under the direction of Department of Medicine, for period January 1, 1974 through December 31, 1974. (Project 3850-A1 - New)
- d. \$20,000.00 from Rockwell International Corporation, Columbus Aircraft Division, Columbus, Ohio, for Subsonic and Transonic Wind Tunnel Tests - Airfoil with Blowing Flap, under the direction of Department of Aeronautical and Astronautical Engineering, for period October 1, 1973 through September 30, 1974. (Project 3796-A2 - Amend. #1)
- e. \$15,000.00 from Damon Runyon Memorial Fund, New York, New York, for Human Macrophage Tumoricidal Activity, under the direction of Department of Medicine, for period November 1, 1973 through October 31, 1975. (Project 3836-A1 - New)
- f. \$12,000.00 from Rockwell International Corporation, Columbus Aircraft Division, Columbus, Ohio, for Subsonic and Transonic Wind Tunnel Tests - Temperature Effects on Thrust Augmentation, under the direction of Department of Aeronautical and Astronautical Engineering, for period October 1, 1973 through September 30, 1974. (Project 3796-C2 - New)
- g. \$11,000.00 from Research Corporation, New York, New York, for Electronic Energy Transfer from Metastable Metal Atoms to Molecules Using Crossed Molecular Beams, under the direction of Department of Chemistry, for period December 1, 1973 through November 30, 1974. (Project 3844-A1 - New)
- h. \$8,000.00 from Rockwell International Corporation, Columbus Aircraft Division, Columbus, Ohio, for Subsonic and Transonic Wind Tunnel Tests - Internal Duct Studies, under the direction of Department of Aeronautical and Astronautical Engineering, for period October 1, 1973 through September 30, 1974. (Project 3796-B2 - New)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

3. Industrial, Subcontracts/Grants and Other Non-Federal  
Research Contracts/Grants (continued)

- i. \$7,904.00 from Morris Animal Foundation, Denver, Colorado, for Characterization of the Pathogenicity of the Feline Picornaviruses, under the direction of the Department of Veterinary Pathobiology, for the period October 1, 1973 through September 30, 1974. (Project 3829-A1 - New)
- j. \$7,035.00 from American Heart Association, Eastern Ohio Chapter, Youngstown, Ohio, for Lipid Metabolism as a Function of Dietary Carbohydrate, under the direction of Department of Food Science and Nutrition, for period November 16, 1973 through November 15, 1974. (Project 3840-A1 - New)
- k. \$5,462.00 from Schering Corporation, Kenilworth, New Jersey, for A Study on Clinical Superficial Ocular Diseases in Dogs and Cats, under the direction of Department of Veterinary Clinical Sciences, for period November 1, 1973 through April 30, 1974. (Project 3843-A1 - New)
- l. \$4,950.00 from American Cancer Society, Ohio Division, Franklin County Unit, Columbus, Ohio, for Synthesis and Biological Evaluation of Small Ring Antileukemic Drugs, under the direction of College of Pharmacy, for period November 1, 1973 through October 31, 1974. (Project 3833-A1 - New)
- m. \$4,840.00 from American Cancer Society, Ohio Division, Franklin County Unit, Columbus, Ohio, for In Vivo Synchronization of Tumor Cell Division, under the direction of Department of Physiological Chemistry, for period November 1, 1973 through October 31, 1974. (Project 3834-A1 - New)
- n. \$4,500.00 from University of Pittsburgh, Pittsburgh, Pennsylvania, for Study of Treatment of Primary Breast Cancer, under the direction of Department of Surgery, for period July 1, 1973 through December 31, 1973. (Project 3639-A2 - Ext. #1)
- o. \$4,250.00 from American Cancer Society, Ohio Division, Franklin County Unit, Columbus, Ohio, for Enzymes of Pyrimidine Biosynthesis in Stimulated Bone Marrow and Spleen, Normal and Malignant, under the direction of the Department of Physiology, for period October 1, 1973 through September 30, 1974. (Project 3835-A1 - New)

February 1, 1974 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

3. Industrial, Subcontracts/Grants and Other Non-Federal  
Research Contracts/Grants (continued)

- p. \$1,000.00 from American Heart Association, Eastern Ohio Chapter, Inc., Youngstown, Ohio, for Chromium and Coronary Artery Disease, under the direction of the Department of Pathology, for the period December 1, 1972 through February 28, 1974. (Project 3353-A2 - Ext. #3)

TOTAL - Industrial, Subcontracts/Grants and Other  
Non-Federal Research Contracts/Grants \$318,679.00

C. The Engineering Experiment Station

1. Industrial and Other Research Contracts

- a. \$23,143.00 from Columbia Gas System Service Corporation, Columbus, Ohio, for the continuation of Pipe Location - Phase I, II, & III, under the direction of the Department of Electrical Engineering, for the period November 1, 1973 through December 31, 1973. (EES - Ext. #4)
- b. \$840.00 from Monsanto Research Corp., Dayton, Ohio, for Design Analysis of Neutron Sources for Use in Nuclear Power Reactors, under the direction of the Department of Mechanical Engineering, for the period November 1, 1973 through December 31, 1973. (EES 472)

TOTAL - Industrial and Other Research Contracts \$23,983.00

D. The Ohio State University Development Fund

1. Gifts of \$5,000.00 or More

- a. \$64,465.13 from The Associates of Medicine, Columbus, Ohio, for continued support of the Department of Medicine General Fund.
- b. \$11,800.00 from American Cyanamid Company, Pear River, New York, for infectious disease research.
- c. \$10,000.00 from Ford Motor Company Fund, Dearborn, Michigan--\$5,000.00 for support of the Department of Mechanical Engineering and \$5,000.00 for graduate research programs in city planning.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund (continued)

1. Gifts of \$5,000.00 or More (continued)

- d. \$9,768.75 from Robert Critchfield, late of Birmingham, Michigan--\$3,256.25 for the University Activities Center, \$3,256.25 for the Robert M. Critchfield Fund for Engineering, and \$3,256.25 for the Novice G. Fawcett Chair in Educational Administration.
- e. \$7,756.79 from the Estate of D. P. Snyder, Columbus, Ohio--\$5,161.19 for loans to students enrolled in the College of Dentistry and \$2,585.60 for medical research, especially research for aiding the prevention of diseases of the blind.
- f. \$6,666.65 from State Automobile Mutual Insurance Company, Columbus, Ohio, for the University Activities Center.
- g. \$5,000.00 from Mrs. Margaret W. Kahliff, Elyria, Ohio, for scholarships for students enrolled in the School of Natural Resources.
- h. \$5,000.00 from Maurice A. Young, M. D., Youngstown, Ohio, for the College of Medicine Progress Fund.

2. Gift-in-Kind

- a. The Gerking Collection of Indiana Fishes from the Department of Zoology, Indiana University, Bloomington, Indiana, for the College of Biological Sciences, Department of Zoology.

3. Establishment of Named Funds

- a. \$35,459.36 from the Estate of Dorothy D. King for the establishment of the Chester C. Cook Memorial Fund.

Chester C. Cook Memorial Fund

The Chester C. Cook Memorial Fund was established February 1, 1974, by the Board of Trustees of The Ohio State University with a bequest from the late Dorothy D. King, B.S.Ed. '32, M.A. '33, to The Ohio State University through The Ohio State University Development Fund in memory of her father, Chester C. Cook, formerly of Columbus, Ohio.

All gifts are to be invested in the University Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.



III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund (continued)

3. Establishment of Named Funds (continued)

a. Chester C. Cook Memorial Fund (continued)

The annual income is to be used by The Ohio State University Cancer Research Center to establish the Chester C. Cook Memorial Fund. Disbursements are to be made upon the recommendation of the Provost of The Ohio State University.

Should The Ohio State University Cancer Research Center cease to exist through any reorganization of the University, then the income may be used by the Board of Trustees, with preference being given to the recommendations of the Provost of the University or the appropriate administrative official who is then directly responsible for cancer research.

- b. \$25,000.00 from the Estate of Herman Van Moss Glunz for the establishment of the H. V. Glunz Scholarship Fund.

H. V. Glunz Scholarship Fund

The H. V. Glunz Scholarship Fund was established February 1, 1974, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the late Herman Van Moss Glunz, with Class of 1912, formerly of Norristown, Pennsylvania.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for undergraduate and/or fellowships for graduate students who have demonstrated academic ability and need for financial assistance. The fund shall be known as the H. V. Glunz Scholarship Fund. The selection of the recipient is to be made upon the recommendation of the Scholarship Committee of the College of Engineering. Preference is to be given to students enrolled in the College of Engineering, and who are working in the broad field of the mineral industries.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for scholarships.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

D. The Ohio State University Development Fund (continued)

3. Establishment of Named Funds (continued)

- c. \$11,425.00 from Mrs. Olive H. Emery, Helen K. Cooley, Paul E. Emery, Evelyn E. Kingan, and former students and friends for the establishment of The Walter B. Emery Memorial Scholarship for Communication.

The Walter B. Emery Memorial Scholarship for Communication

The Walter B. Emery Memorial Scholarship for Communication was established February 1, 1974, by the Board of Trustees of The Ohio State University in memory of the late Walter B. Emery, distinguished professor of Communication, with a gift to The Ohio State University Development Fund from Mrs. Olive H. Emery, Columbus, Ohio, widow of Professor Emery, their children, Helen K. Cooley, Paul E. Emery, Evelyn E. Kingan, and former students and friends.

All gifts are to be invested in the University's Permanent Endowment under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide scholarship assistance for one or more students enrolled in the Department of Communication. Selection of the recipient(s) is to be made by the University Scholarship Committee upon the recommendation of the Chairman of the Department of Communication after appropriate consultation with Mrs. Emery and faculty members of that department.

Should the need for the scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for speech education.

- d. \$10,000.00 from Hewitt A. Gehres for the establishment of the Hewitt A. Gehres Fund in Engineering.

Hewitt A. Gehres Fund in Engineering

The Hewitt A. Gehres Fund in Engineering was established February 1, 1974, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Hewitt A. Gehres, B.M.E. '07, Mount Vernon, Ohio.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund (continued)

3. Establishment of Named Funds (continued)

d. Hewitt A. Gehres Fund in Engineering (continued)

The gift is to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used for approved programs and activities of the Department of Mechanical Engineering as selected by the chairman of that department and approved by the Dean of the College of Engineering.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for engineering education.

- e. \$1,000.00 from Joe R. Engle for the establishment of The Perry L. Engle Endowment Fund.

The Perry L. Engle Endowment Fund

The Perry L. Engle Endowment Fund was established February 1, 1974, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Joe R. Engle, B.I.E. '43, Coshocton, Ohio, in honor of his father, Perry L. Engle.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used for the purchase of appropriate equipment in the intensive care--cardiac unit, University Hospital. Requests for the funds will be initiated by the Chairman of the Department of Medicine and approved by the Dean of the College of Medicine.

Should the need for these funds cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for medical education.

February 1, 1974 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

E. Office of Fiscal Affairs and the Treasurer of the University

1. Federal Contracts/Grants

- a. \$291,094.00 granted by Department of Health, Education, and Welfare, National Institute of Education, Contracts/Grants Management Division, Matomic Building, Washington, D. C., for Development of a Career Education Occupational Exploration Program, under the direction of the Center for Vocational-Technical Education, for the period September 1, 1973 through June 30, 1974.
- b. \$75,068.00 additional grant by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., in support of Effects of Protocols on Teachers Ability to Understand and Interpret Language of Young Children, under the direction of the Academic Faculty of Humanities Education, for the period August 14, 1973 through August 13, 1974. (Grant No. OEG-0-70-2057, Revision No. 7)
- c. \$49,255.00 granted by Defense Civil Preparedness Agency, Region Four, Federal Center, Battle Creek, Michigan, for Conducting Regional and State Local On-Site Assistance Surveys to Determine State and Local Training Requirements, under the direction of the Division of Continuing Education, for the period January 1, 1974 through September 30, 1974. (Contract No. DCPA01-74-C-0139)
- d. \$47,148.00 granted by United States Department of Justice, Law Enforcement Assistance Administration, Des Plaines, Illinois, for Law Enforcement Education Program, for the period November 30, 1973 through June 30, 1974. (Grant Award FY1974 - Supplemental)
- e. \$1,750.00 additional grant by National Science Foundation, Washington, D. C., in support of the Graduate Traineeship Program, under the direction of the Graduate School. (Grant GZ-2456, Amendment No. 1)

TOTAL - Federal Contracts/Grants \$464,315.00

2. State of Ohio Contracts/Grants

- a. \$101,083.00 additional grant by State of Ohio, Department of Education, Columbus, Ohio, in support of a study on Governance of Education: State Structures, Processes, and Relationships, under the direction of the Academic Faculty of Educational Administration, for the period October 1, 1973 through June 30, 1974.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

E. Office of Fiscal Affairs and the Treasurer of the University (continued)

2. State of Ohio Contracts/Grants (continued)

- b. \$70,000.00 granted by Ohio Department of Education, Division of Special Education, Columbus, Ohio, for services and staff to operate An Exemplary Model for Learning Disabled Students, Emphasizing Secondary Programs, Teacher Training and Assessment Techniques, under the direction of the Academic Faculty of Exceptional Children, for the period June 22, 1973 through June 21, 1974.

TOTAL - State of Ohio Contracts/Grants \$171,083.00

3. Industrial and Other Contracts/Grants

- a. \$9,825.00 granted by State of Wisconsin, Board of Vocational, Technical and Adult Education, Madison, Wisconsin, in support of the Assessment of the Impact of the Wisconsin Research Coordinating Unit, under the direction of the Center for Vocational-Technical Education, for the period January 1, 1974 through June 30, 1974.
- b. \$5,000.00 granted by World Health Organization, Geneva, Switzerland, for support of WHO International Reference Centre for Diagnosis of Diseases of Vectors, under the direction of the Department of Entomology, for the year 1973.

TOTAL - Industrial and Other Contracts/Grants \$14,825.00

F. The Ohio State University Research Foundation

1. Federal Research Contracts/Grants

- a. \$45,065.00 from Department of the Navy, Office of Naval Research, Arlington, Virginia, for Contract Administration, under the direction of College of Administrative Science, Division of Continuing Education, for period December 20, 1970 through December 31, 1974. (Project 3164-A1 - Mod. #08)
- b. \$39,800.00 from National Science Foundation, Washington, D. C., for A Master List of Nonstellar Optical Astronomical Objects, under the direction of Department of Electrical Engineering, for period November 15, 1973 through November 14, 1974. Project 3848-A1 - New)
- c. \$31,979.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, for The Role of the Red Nucleus in Motor Function, under the direction of Department of Anatomy, for period January 1, 1974 through December 31, 1974. (Project 2956-C - Ext. #3)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

F. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts/Grants (continued)

- d. \$31,726.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, for The Pharmacology of Coumarin Anticoagulants, under the direction of Department of Pharmacology, for period January 1, 1974 through December 31, 1974. (Project 3623-A2 - Ext. #1)
- e. \$31,500.00 from National Science Foundation, Washington, D. C., for Electronic, Dynamic and Chemical Properties of Carbanionic Substances, under the direction of Department of Chemistry, for period January 1, 1973 through April 30, 1975. (Project 3610-A1 - Ltr. Dtd. 11/15/73)
- f. \$30,000.00 from National Science Foundation, Washington, D. C., for Effect of Structure on Rates and Equilibria, under the direction of Department of Chemistry, for period March 1, 1972 through February 28, 1975. (Project 3397-A1 - Ltr. Dtd. 12/12/73)
- g. \$29,871.00 additional funds from Department of Health, Education, and Welfare, Office of Education, Contracts and Grants Division, Washington, D. C., for Establishing and Operating a National Center on Educational Media for the Handicapped, under the direction of Academic Faculty of Curriculum and Foundations. (Project 3471-A1 - Mod. #4)
- h. \$26,000.00 from National Science Foundation, Washington, D. C., for Low Temperature Transport Phenomena in Metal, under the direction of Department of Physics, for period November 1, 1973 through October 31, 1974. (Project 3837-A1 - New)
- i. \$24,906.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, for Potentially Therapeutically Useful NAD Antagonists, under the direction of Department of Chemistry, for period January 1, 1974 through December 31, 1974. (Project 3351-A3 - Ext. #2)
- j. \$21,797.00 from Department of the Air Force, Electronic Systems Division, Laurence G. Hanscom Field, Bedford, Massachusetts, for Studying the External Gravity Potential of the Earth, Gravimetric Quantities and Geodetic Parameters Affected by Gravity, under the direction of Department of Geodetic Science, for period January 1, 1972 through June 30, 1975. (Project 3368-A1 - Mod. #P00003)

February 1, 1974 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

F. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts/Grants (continued)

- k. \$21,194.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, for Control of Activity of Cardiac and Smooth Muscle, under the direction of Department of Physiology, for period January 1, 1974 through December 31, 1974. (Project 874-P - Ext. #15)
- l. \$18,303.00 from Department of the Air Force, Electronic Systems Division, Laurence G. Hanscom Field, Bedford, Massachusetts, for Studying the External Gravity Potential of the Earth, Gravimetric Quantities and Geodetic Parameters Affected by Gravity, under the direction of Department of Geodetic Science, for period January 1, 1972 through June 30, 1975. (Project 3368-B1 - Mod. #P00003)
- m. \$16,782.00 from Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, for Postoperative Recovery Mechanisms and Retention, under the direction of Department of Psychology, for period January 1, 1974 through December 31, 1974. (Project 1470-L - Ext. #11)
- n. \$15,600.00 from U. S. Civil Service Commission, Management Sciences Training Center, Washington, D. C., for "Government Contract Law" Course for U. S. Civil Service, under the direction of College of Administrative Science, Division of Continuing Education, for period October 1, 1973 through July 31, 1974. (Project 3808-E1 - New)
- o. \$14,600.00 from National Science Foundation, Washington, D. C., for Isotopic and Geochemical Studies in the Transantarctic Mountains, under the direction of Institute of Polar Studies, for period November 15, 1973 through November 14, 1974. (Project 3846-A1 - New)
- p. \$13,663.00 from U. S. Department of Transportation, Federal Highway Administration, Washington, D. C., for Use of Aerial Color Photography for Highway Applications, under the direction of Department of Civil Engineering, for period November 27, 1973 through November 29, 1974. (Project 3849-A1 - New)
- q. \$7,800.00 from U. S. Civil Service Commission, Bureau of Training, Management Sciences Training Center, Washington, D. C., for Developing Contract Work Specifications, under the direction of College of Administrative Science, Division of Continuing Education, for period October 1, 1973 through July 31, 1974. (Project 3808-D1 - New)

February 1, 1974 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

F. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts/Grants (continued)

- r. \$4,100.00 from National Science Foundation, Washington, D. C., for Doctoral Dissertation Research - Adaptive Radiation in Lipochaeta (Compositae) of the Hawaiian Islands, under the direction of Department of Botany, for period January 1, 1974 through December 31, 1975. (Project 3852-A1 - New)

TOTAL - Federal Research Contracts/Grants \$424,686.00

2. Industrial, Subcontracts/Grants and Other  
Non-Federal Research Contracts/Grants

- a. \$2,547,237.00 from Medical Advances Institute, Columbus, Ohio, for Computerized Medical Review System, under the direction of Departments of Preventive Medicine and Pediatrics, for period November 1, 1972 through October 31, 1974. (Project 3585-A1 - Ltr. Dtd. 12/12/73)
- b. \$95,000.00 from Medical Advances Institute, Columbus, Ohio, for Computerized Medical Review System, under the direction of Departments of Preventive Medicine and Pediatrics, for period November 1, 1972 through March 31, 1974. (Project 3585-A1 - Ltr. Dtd. 12/4/73)
- c. \$25,619.00 from National Multiple Sclerosis Society, New York, New York, for The Ultrastructural Immunohistochemical Localization of the Myelin Encephalitogenic Protein in the Central and Peripheral Nervous System, under the direction of Department of Medicine, for period January 1, 1974 through June 30, 1975. (Project 3853-A1 - New)
- d. \$17,687.00 additional funds from Ohio Department of Industrial Relations, Columbus, Ohio, for Feasibility Study of a Cooperative Ohio/Federal Occupational Safety and Health (OSHA) Statistical Program, under the direction of College of Administrative Science, Division of Continuing Education. (Project 3612-A1 - Ltr. Dtd. 11/29/73)
- e. \$10,000.00 from Union Carbide Corporation, Nuclear Division, Oak Ridge, Tennessee, for Fundamental Study of Spiking in Partial Penetration Electron Beam Welding of Uranium and Refractory Materials, under the direction of Department of Welding Engineering, for period November 1, 1973 through October 31, 1974. (Project 2918-C - Sup. #7)



February 1, 1974 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

F. The Ohio State University Research Foundation (continued)

2. Industrial, Subcontracts/Grants and Other  
Non-Federal Research Contracts/Grants (continued)

- f. \$10,000.00 from The Deafness Research Foundation, New York, New York, for X-Ray Microanalysis of Inner Ear Tissue, under the direction of Department of Otolaryngology, for period January 1, 1974 through December 31, 1974. (Project 3608-A2 - Ext. #1)
- g. \$10,000.00 from World Health Organization, Human Reproduction Unit, Geneva, Switzerland, for Systemic Effects of Copper Intra-Uterine Devices, under the direction of Department of Obstetrics and Gynecology, for period January 1, 1973 through December 31, 1974. (Project 3640-A1 - Ext. #1)
- h. \$7,500.00 from American Heart Association, Eastern Ohio Chapter, Youngstown, Ohio, for Lysosomal Enzymes of Lower Extremity Origin in Regional Ischemia Possible Relationship to Congesting Atelectasis, under the direction of Department of Surgery, for period December 1, 1973 through November 30, 1974. (Project 3841-A1 - New)
- i. \$7,500.00 from American Heart Association, Eastern Ohio Chapter, Youngstown, Ohio, for Mechanisms of Systolic Time Interval Abnormalities in Coronary Disease, under the direction of Department of Medicine, for period December 1, 1973 through November 30, 1974. (Project 3842-A1 - New)
- j. \$4,050.00 from American Cancer Society, Ohio Division, Franklin County Unit, Columbus, Ohio, for Thyrotropin Dynamics During the Experimental Production of Rat Thyroid Neoplasms, under the direction of Department of Medicine, for period December 1, 1973 through November 30, 1974. (Project 3851-A1 - New)
- k. \$2,350.00 from Columbus Board of Health, Columbus, Ohio, for Analysis of Blood Leads and Consultation on Blood Lead Determination, under the direction of Department of Physiology, for period October 1, 1973 through December 31, 1973. (Project 3845-A1 - New)

TOTAL - Industrial, Subcontracts/Grants and Other  
Non-Federal Research Contracts/Grants \$2,736,943.00

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

G. The Ohio State University Development Fund

1. Gifts of \$5,000 or More

- a. \$100,000.00 from Charles H. Kimberly Trusts, New York, New York, for the Kimberly Endowment for Chemistry.
- b. \$90,000.00 from The Andersons (Donald E. Anderson, Harold Anderson, John D. Anderson, Richard P. Anderson, Robert J. Anderson, Thomas H. Anderson, and Paul M. Kraus), Maumee, Ohio, for the Andersons Agricultural Research Fund.
- c. \$50,000.00 from Nationwide Mutual Insurance Company, Columbus, Ohio, for the University Activities Center.
- d. \$39,870.00 from The John A. Hartford Foundation, Inc., New York, New York, for research study in pharmacologic control of portal hypertension in the College of Medicine.
- e. \$31,705.51 from The Associates of Medicine, Columbus, Ohio, for support of the Department of Medicine General Fund.
- f. \$20,000.00 from The F. & R. Lazarus Company, Columbus, Ohio--\$15,000.00 for the University Activities Center and \$5,000.00 for the Robert Lazarus Student Loan Fund.
- g. \$18,000.00 from the Edward C. and Hazel L. Stephenson Foundation, Grosse Pointe Woods, Michigan, for their scholarship fund.
- h. \$12,500.00 from the Ohio Electric Utility Institute, Columbus, Ohio, for its fellowship program in the Department of Electrical Engineering.
- i. \$11,500.00 from Miles Laboratories, Inc., Elkhart, Indiana, for a research fund in allergies and pharmacology in the College of Medicine.
- j. \$10,433.00 from the Newark Campus Citizens Advisory Committee, Newark, Ohio, for the Newark Campus Scholarship Fund.
- k. \$10,000.00 from American Electric Power Service Corporation, New York, New York, to be used at the discretion of the Dean of the College of Engineering.
- l. \$10,000.00 from Caral Corporation, DBA Heidelberg Distributing Company (given in name of Al Vontz, Jr., Dayton, Ohio), for the Department of Animal Science.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

G. The Ohio State University Development Fund (continued)

1. Gifts of \$5,000 or More (continued)

- m. \$10,000.00 from Charles W. Carroll (given in name of Mary Jean Carroll, Akron, Ohio)--\$9,000.00 for the University Activities Center and \$1,000.00 to be used at the discretion of the Director of Admissions.
- n. \$10,000.00 from The Emmet Blakeney Gleason Memorial Fund, Inc., Rochester, New York, for its scholarship fund in Engineering.
- o. \$10,000.00 from the Estate of Viola B. Gossman, Columbus, Ohio, for the University Activities Center.
- p. \$10,000.00 from Andrew S. Iddings, Dayton, Ohio, for the University Emergency Fund.
- q. \$10,000.00 from the Roscoe C. Iddings Benevolent Trust, Dayton, Ohio, for the College of Law Student Financial Aids Fund.
- r. \$9,464.63 from Paul G. Benedum, Naples, Florida, for the Novice G. Fawcett Chair in Educational Administration.
- s. \$9,000.00 from Alfred E. Stockum, M.D., Columbus, Ohio, for a purpose to be designated at a later date.
- t. \$8,650.00 from The George Gund Foundation, Cleveland, Ohio, for support of the Ohio 4-H Club programs in the College of Agriculture.
- u. \$7,000.00 from Gager-Keim, Inc., (given in name of Robert D. Keim, Columbus, Ohio), for support of the Student Athlete Grant-in-Aid Fund.
- v. \$6,635.00 from Bell Laboratories, Columbus, Ohio, for teaching and research fund in Engineering.
- w. \$5,492.29 from Antique Show Receipts (given in name of Mrs. Josephine Failer, Columbus, Ohio), for a purpose to be designated at a later date.
- x. \$5,212.50 from Richard M. Ross, Columbus, Ohio, for assistance in the purchase of the Rinhart Collection of Daguerreian Art.
- y. \$5,000.00 from William F. Bradley, M.D., Columbus, Ohio, for endocrine research.

February 1, 1974 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

G. The Ohio State University Development Fund (continued)

1. Gifts of \$5,000 or More (continued)

- z. \$5,000.00 from Buckeye Federal Savings and Loan Association, Columbus, Ohio--\$3,500.00 for the Novice G. Fawcett Chair in Educational Administration and \$1,500.00 for the University Activities Center.
- aa. \$5,000.00 from Clow Foundation, Chicago, Illinois, for support of research in the College of Medicine.
- bb. \$5,000.00 from The Duriron Company, Dayton, Ohio, for its Professorship in Metallurgical Engineering.
- cc. \$5,000.00 from William E. Hunt, M.D., Columbus, Ohio, for the Harry E. LeFever Fund for Education in Neurological Surgery.
- dd. \$5,000.00 from Mrs. Tahlman Krumm, Columbus, Ohio, for her late husband's memorial endowment fund in Engineering.
- ee. \$5,000.00 from George F. Lonz Foundation, Middle Bass, Ohio, for support of the Department of Horticulture's programs in Enology and Viticulture.

2. Establishment of Named Funds

- a. \$20,000.00 from Jack W. Nicklaus for the establishment of The L. Charles Nicklaus Golf Scholarship Fund.

The L. Charles Nicklaus Golf Scholarship Fund

The L. Charles Nicklaus Golf Scholarship Fund was established February 1, 1974, by the Board of Trustees of The Ohio State University with a gift through The Ohio State University Development Fund from Jack W. Nicklaus, (A.A.D. '72), of North Palm Beach, Florida, in memory of his father, L. Charles Nicklaus, (B.S. Pharm. '35), late of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide scholarship assistance for a worthy student from southwestern Ohio who is interested in golf. The fund shall be known as The L. Charles Nicklaus Golf Scholarship Fund. The selection of the recipient is to be made upon the recommendation of the golf coach and approved by the Director of Athletics and the University Scholarship Committee.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

G. The Ohio State University Development Fund (continued)

2. Establishment of Named Funds (continued)

a. The L. Charles Nicklaus Golf Scholarship Fund (continued)

Should the need for this scholarship cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for athletic scholarships.

- b. \$2,500.00 from John D. Drinko and several of his friends for the establishment of The Newton D. Baker Memorial Scholarship Fund.

The Newton D. Baker Memorial Scholarship Fund

The Newton D. Baker Memorial Scholarship Fund was established February 1, 1974, by the Board of Trustees of The Ohio State University with initial gifts from John D. Drinko, LL.B. '44, of the law firm of Baker, Hostetler and Patterson, Cleveland, Ohio, and several of his friends in memory of the firm's founder, Newton D. Baker, who was also a loyal benefactor and Chairman of the Board of Trustees of The Ohio State University.

All gifts allocable to this Fund are to be invested in the University's Permanent Endowment under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships or other forms of financial assistance for students enrolled in the College of Law. Selection of the recipient(s) is to be made by the University Scholarship Committee upon the recommendation of the Dean of the College of Law.

Should the need for the scholarships or other forms of financial assistance cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for law education.

- c. \$2,000.00 from John M. Lurie for the establishment of The Bernard Lurie Memorial Scholarship Fund.

The Bernard Lurie Memorial Scholarship Fund

The Bernard Lurie Memorial Scholarship Fund was established February 1, 1974, by the Board of Trustees of The Ohio State

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

G. The Ohio State University Development Fund (continued)

2. Establishment of Named Funds (continued)

c. The Bernard Lurie Memorial Scholarship Fund (continued)

University with gifts to The Ohio State University Development Fund from John M. Lurie, Columbus, Ohio, in memory of his father, Bernard Lurie.

All gifts are to be invested in the University's Permanent Endowment under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be added to the principal until the fund reaches \$10,000. At that time, the annual income is to be used to provide a scholarship for a student enrolled in the College of Medicine. Selection of the recipient is to be made by the University Scholarship Committee upon the recommendation of the Assistant Dean of Student Affairs of the College of Medicine or his duly selected successor in any restructuring of the college.

Should the need for the scholarship cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for medical education.

- d. \$1,000.00 from Robert S. Hoag for the establishment of The Robert S. Hoag Golf Scholarship Fund.

The Robert S. Hoag Golf Scholarship Fund

The Robert S. Hoag Golf Scholarship Fund was established February 1, 1974, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Robert S. Hoag, B.S. '51, Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be added to the principal until the fund reaches \$10,000. At that time, the income is to be used to provide one or more undergraduate golf scholarships. Selection of the recipient(s) is to be made by the University Scholarship Committee upon the recommendation of The Ohio State University golf coach.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

G. The Ohio State University Development Fund (continued)

2. Establishment of Named Funds (continued)

d. The Robert S. Hoag Golf Scholarship Fund (continued)

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for inter-collegiate athletics.

- e. \$1,000.00 from Joseph K. Walkup, and sons, David W., Robert E., and John D. Walkup, for the establishment of The Wildah Turnbull Walkup Memorial Fund.

The Wildah Turnbull Walkup Memorial Fund

The Wildah Turnbull Walkup Memorial Fund was established February 1, 1974, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Joseph K. Walkup, B.A. '32, Professional I. E. '41, Ames, Iowa, and sons, David W., Robert E., and John D. Walkup, in memory of their wife and mother, Mrs. Wildah Turnbull Walkup, B.A. '31, M.A. '32.

All gifts are to be invested in the University's Permanent Endowment under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more undergraduate scholarships for female students enrolled in the College of Engineering. Selection of the recipient(s) is to be made by the University Scholarship Committee upon the recommendation of the Dean of the College of Engineering. Recipients will be selected solely on the basis of their academic achievement during the first full year of enrollment in the engineering curriculum.

It is understood that additional funds may be provided to this named endowment and new specifications for the use of the added income may then be suggested.

Should the College of Engineering cease to exist, through any re-organization of the University, then the income may be used by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for engineering education.

IV. BUSINESS AND ADMINISTRATION

A. Architects or Engineers

1. Jackson County Area Extension Center

President Enarson recommended that the architectural firm of Swiatek and Grutsch, Columbus, Ohio, be employed to provide architectural services for this project including preliminary plans, basic drawings, working drawings, specifications, estimate of cost, necessary bidding documents, and periodic supervision of construction.

The fee for this service will be negotiated between the architectural firm and the Division of Public Works. The total estimated project cost is \$275,000.

Funds for this service have been provided from H.B. 985, Item 315-086 (Jackson County Area Extension Center).

2. Mahoning County Area Extension Center

President Enarson recommended that the architectural firm of C. Robert Buchanan and Associates, Canfield, Ohio, be employed to provide architectural services for this project including preliminary plans, basic drawings, working drawings, specifications, estimate of cost, necessary bidding documents, and periodic supervision of construction.

The fee for this service will be negotiated between the architectural firm and the Division of Public Works. The total estimated project cost is \$275,000.

Funds for this service have been provided from H.B. 985, Item 315-087 (Mahoning County Area Extension Center).

Upon motion of Mr. Safford, seconded by Mr. Devenow, the above recommendations were approved by unanimous roll call vote.

B. Plans and Specifications

At the request of the Vice President for Business and Administration, the President recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:



February 1, 1974 meeting, Board of Trustees

IV. BUSINESS AND ADMINISTRATION (continued)

B. Plans and Specifications (continued)

1. Veterinary Hospital--Connecting Road

This project will construct a roadway which will provide direct access to the Veterinary Hospital from Loop Road. This will eliminate circuitous routing of Veterinary Hospital patrons and minimize traffic on campus roads.

Funds are budgeted in Budget Account 125064 (Contract Repair).

2. Dentistry Building--Heating System Repair (Original Building)

This project will provide for the removal of the existing 1948 ventilating apparatus and the installation of a new system. This is necessary due to the obsolescence of the existing system and to better serve the building as it is now used.

Funds are budgeted in Budget Account 125064 (Contract Repair).

3. Campbell Hall--Office Improvements

Substantial reconfiguration of the involved areas to provide efficient office space for the School of Home Economics. Work will include demolition, new ceiling high partitioning and consequent work involving new ceiling lighting and electrical-mechanical systems and refinishing of surfaces.

Funds are budgeted in H. B. 985 (Utilities and Renovation).

Upon motion of Mr. Devenow, seconded by Mr. Safford, the above recommendation was approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. The Vice President for Business and Administration was directed to proceed with a request for bids in the normal University manner, and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

C. Report of Award of Contracts

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and the contracts were recommended for award. The action reported to the Board was as follows:

February 1, 1974 meeting, Board of Trustees

IV. BUSINESS AND ADMINISTRATION (continued)

C. Report of Award of Contracts (continued)

1. Brown Hall, Main Entrance South Side--  
Removal and Replacement of Steps

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (3 bids received 1-18-74) General Masonry Contractors, Inc. (Marion, Ohio)	\$15,700.00	\$16,920.00

Funds for this project have been provided in Budget Account 125064  
(Contract Repair).

2. Goss Laboratory--Partial Remodeling, Phase II  
(Freight Elevator Modifications)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Elevator Contract</u> (1 bid received 12-4-73) Otis Elevator Company (Columbus)	\$19,527.00	\$22,000.00

Funds for this project have been provided in Budget Account 801293  
(Goss Laboratory Remodeling).

3. Welding Engineering Building--Exterior Masonry Repairs

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (5 bids received 1-18-74) Hull-McNutt Contractors (Cleveland, Ohio)	\$26,500.00	\$46,553.00

Funds for this project have been provided in Budget Account 125064  
(Contract Repair).

4. Substation "C"--Underground Cables and Equipment

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electric Contract</u> (4 bids received 12-6-73) Jess Howard Electric Co. (Columbus) Alt. E-1 Substation enclosure wall	\$69,950.00 + 8,042.00	\$80,000.00 +11,700.00
Total Contract	<u>\$77,992.00</u>	<u>\$91,700.00</u>

February 1, 1974 meeting, Board of Trustees

IV. BUSINESS AND ADMINISTRATION (continued)

C. Report of Award of Contracts (continued)

4. Substation "C"--Underground Cables and Equipment (continued)

Funds for this project have been provided in S. B. 457 (Utilities and Renovation) and H. B. 988 (Electrical System Expansion).

Upon motion of Mr. Safford, seconded by Mr. Harrod, the above award of contracts and expenditure of funds were approved and the action of the Vice President for Business and Administration was ratified by unanimous roll call vote.

D. Other

1. Agricultural Technical Institute, Wooster, Ohio--  
Sewer Easement

The Zieg Realty Company has requested a sanitary sewer easement to tap into an existing sanitary sewer line at the Agricultural Technical Institute, Wooster, Ohio. This will permit the construction of a housing facility to serve the Agricultural Technical Institute. The Zieg Realty Company will compensate the University for a share of the sewer cost based upon usage.

It was recommended that the President and/or the Vice President for Business and Administration be authorized to request the Division of Public Works, pursuant to their statutory duties, to act on behalf of the University in developing the necessary legal instruments to provide for the sewer line easement.

2. Purchase of Property - Ott Farm, Ashland County, Ohio

It was recommended that the President and/or Vice President for Business and Administration be authorized to proceed with the purchase of:

120 acres of land (Ashland County), adjacent to The Ohio State University Moore's Demonstration Farm at a price mutually agreeable to the present owner and a third party who has agreed to give the necessary funds to the University for this purpose.

Upon motion of Mr. Gushman, seconded by Mr. Harrod, the above recommendations were approved by unanimous roll call vote.

February 1, 1974 meeting, Board of Trustees

IV. BUSINESS AND ADMINISTRATION (continued)

E. Report of Controlling Board Actions Pertaining to The Ohio State University

- 13 Approves the release of \$232,500 from H. B. 985, Item 315-079 (Main Library Addition) to enter into a contract with the architectural firm of Lorenz, Williams, Lively & Likens, for services through the bidding stage of the project known as "Main Library Addition."
- 14 Approves the release of \$2,291,922 from H. B. 985, Item 315-061 (Undergraduate Library), for the project known as "Joseph Sullivant Hall" to award the contracts for the remodeling of the building.
- 15 Approves the release of \$45,000 from The Ohio State University Investment Fund to purchase a property contiguous to the "Barnebey Center," in Fairfield County, from Glenn A. Wendland and Marilyn A. Wendland for a total of 118 acres.
- 16 Approves the release of \$420,000 from H. B. 985, Item 315-077 (Clinical Medical Sciences Education Facility-Supporting Services Phase) to be used for associate architect's fees through the bidding stage, and for other prebidding expenses for the project known as "Clinical Medical Sciences Education Facility-Supporting Services Phase."

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V. REPORTS

A. Report by President Enarson

- (1) The President also acknowledged Mr. Heinke's presence and expressed his appreciation on behalf of the University for the outstanding articles on "Program 65" written by Mr. Heinke which recently appeared in the Columbus Citizen-Journal.
- (2) President Enarson called on Dr. Moulton who reviewed the "Energy Crisis" conservation measures initiated by the University.
- (3) President Enarson gave a brief report on his recent trip to Central and South America in which he cited the many contributions made to the University of Sao Paulo during the past ten years by this University.
- (4) In response to a question by Mr. Shocknessy, the President gave a brief report to the Board on the status of the University's Black Cultural Center.

February 1, 1974 meeting, Board of Trustees

V. REPORTS (continued)

B. Report on the University's Investment Portfolio and Accountant's Report on the University Dormitory Revenue Bond Funds

The reports on the University's Investment Portfolio dated January 7, 1974 and January 25, 1974, and the Accountant's Report on the University Dormitory Revenue Bond Funds, including the financial statements of June 30, 1973, prepared by Peat, Marwick, Mitchell & Co., as submitted to the Finance and Investment Committee of the Board of Trustees, were received and ordered to be filed with the official records of the Board.

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VI. "TRUSTEE DAY"

Mr. Dunlap concluded the meeting by commending Dennis Sargent, President of the Undergraduate Student Government, for arranging for "Trustee Day."

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Thereupon the Board adjourned to meet Friday, March 1, 1974, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

\_\_\_\_\_  
Edward Q. Moulton  
Secretary

\_\_\_\_\_  
John H. Dunlap  
Acting Chairman

Page 368 Blank

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND NINETY-FOURTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, March 1, 1974

The Board of Trustees met at its regular monthly meeting on Friday, March 1, 1974, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Don M. Hilliker, Chairman, James W. Shocknessy, William C. Safford, John H. Dunlap, M. Merle Harrod, Howard D. Sirak, Patricia D. James, and Chester Devenow.

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Minutes of the last meeting were approved.

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March 1, 1974 meeting, Board of Trustees

#### GUEST SPEAKER

Mr. William T. Goslee, Speaker for an Ad Hoc Committee of Buckeye Village residents, was granted permission to address the Board in opposition to the proposed rent increase for Buckeye Village apartments recommended by the Office of Residence and Dining Halls.

At the conclusion of Mr. Goslee's remarks, he was questioned on the information which he presented by several members of the Board, and specifically about depreciation, utility, and personnel costs.

Dr. Armitage, Vice President for Student Services, also supplied additional information justifying the rent increase based on cost figures for the operation of these housing units.

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#### RESOLUTIONS IN MEMORIAM

President Enarson reported to the Board the deaths of James C. Babcock, Professor Emeritus in the Department of Romance Languages; Jacob W. Old, Jr., Associate Professor in the Department of Pathology; and Palmer E. Overholt, Assistant Professor in the Department of English. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

##### A. James C. Babcock

The Board of Trustees of The Ohio State University expresses its sorrow at the death on January 16, 1974, of James C. Babcock, Professor Emeritus in the Department of Romance Languages.

A native of the State of Arkansas, Professor Babcock received his B.A. degree from the University of Arkansas in 1929. He received his M.A. degree in 1930 and his Ph.D. degree in 1939, both from the State University of Iowa. He then was appointed Professor of Spanish and subsequently Chairman of Spanish at the University of Chicago. During his years of service at the University of Chicago, he was deeply involved in the humanities program. In 1950, he became Professor of Spanish at Dartmouth College and later Chairman of its Department of Romance Languages. At Dartmouth he was also prominently identified with humanities courses.

In 1957 he came to The Ohio State University as Chairman of the Department of Romance Languages. He held that position until 1966. During the nine years of his Chairmanship, he was active in bringing a number of new professors to the Department. He participated in the planning of the new Language Listening Center in Denney Hall and in the early stages of the planning of Cunz Hall. He was Chairman at the period of the greatest growth of the University



March 1, 1974 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (continued)

A. James C. Babcock (continued)

and of the greatest increase in enrollment in the Department of Romance Languages. He is happily remembered by his colleagues for his affable and urbane manner and for his understanding nature.

In 1966 Professor Babcock retired from the Chairmanship to devote his time to teaching. He was particularly interested in Spanish poetry and was co-author of a widely used textbook in beginning Spanish and of another, on French composition. For some thirty years he was the Spanish editor of Houghton Mifflin Company.

On behalf of the University, the Board of Trustees expresses to his family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

B. Jacob W. Old, Jr.

The Board of Trustees of The Ohio State University expresses its sorrow at the death on December 30, 1973, of Jacob W. Old, Jr., Associate Professor in the Department of Pathology.

Dr. Old was born in Louvier, Colorado, on June 6, 1921. He received his B. E. degree from the Virginia Polytechnic Institute in 1942, and his M. D. degree from Washington University in St. Louis in 1946.

Dr. Old served his internship at the Santa Barbara College Hospital, Santa Barbara, California, 1946 to 1947, and his residency as a Captain in the United States Medical Corps and as an Assistant of Pathology with the Armed Forces Institute of Pathology in Washington, D. C., from 1947 to 1950. He was certified by the American Board of Pathology and Clinical Pathology in 1950. He then served one year as a Fellow in the Department of Pathology of the M. D. Anderson Hospital, Houston, Texas, from 1950 to 1951, and an Instructor at the University of Texas Post Graduate School in the same institution from 1951 to 1953. From 1953 to 1957, he served as an Assistant Professor in Pathology at the M. D. Anderson Hospital and the University of Texas School of Medicine, Post Graduate School. From 1957 until his death, he served as Associate Professor in the Department of Pathology at The Ohio State University and on the staff of the University Hospital.

Dr. Old was identified with the teaching program in Pathology while in Texas and in Ohio. He taught tumor pathology to second year medical students and participated in the surgical pathology rounds for senior medical students and residents. He was Chairman of the Tissue Committee during his stay at The Ohio State University and his name appeared in the Bibliography of the American Men of Science in 1965.

March 1, 1974 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (continued)

B. Jacob W. Old, Jr. (continued)

Dr. Old was always interested in medical research and published seven papers while in Texas and seven papers while at The Ohio State University, including a chapter on reserve cell hyperplasia in Gray's book on Dysplasia, Carcinoma in Situ in 1964. His proposed new classification of carcinoma in situ found wide acceptance here and abroad. In his medical writing, Dr. Old proved himself as a perfectionist who often rewrote a manuscript many times before he was satisfied with the text. His wide knowledge in dermatological pathology made him a valuable consultant to the area of skin disease and his great experience in tumor pathology, which he acquired at the M. D. Anderson Hospital, made him a valuable consultant to the Departments of Surgery and Obstetrics and Gynecology.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

C. Palmer E. Overholt

The Board of Trustees of The Ohio State University expresses its sorrow at the death on January 27, 1974, of Palmer E. Overholt, Assistant Professor in the Department of English.

Professor Overholt was born in Fostoria, Ohio, in 1913. He received his undergraduate education at Oberlin College, the University of Arizona, and The Ohio State University, where he subsequently earned a Master's degree and completed most of the requirements for a doctorate. During World War II he worked as a chemist in a high-explosives laboratory and as a quality control engineer on a bomb-loading line. Later he worked as an advertising executive in a Columbus department store, a newspaper circulation manager, and a procedure writer for a U. S. Navy installation. He taught English on the Columbus campus of The Ohio State University from 1956 to 1962, at which time he became a member of the faculty of the Mansfield campus of Ohio State where he taught until his death.

Professor Overholt was a popular teacher with the many students who took his courses, particularly his early English course featuring Beowulf, and he was widely known in the Mansfield community. For many years he organized and produced Manuscript, a yearly compilation of outstanding literary works of students, and he had been in charge of several student writing contests, including The Florence Allen Poetry Contest. He was a member of the regional campus academic review board and was a former coordinator of the Mansfield English Department.

March 1, 1974 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (continued)

C. Palmer E. Overholt (continued)

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

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President Enarson presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Authorization for the Filing of Application for Grant Funds Under Title VII of the Public Health Service Act, as Amended

At its meeting on February 12, 1970, this Board authorized and directed that an application be filed with the Secretary of Health, Education and Welfare under Title VII of the Public Health Service Act, as amended, for a grant in support of the development of a Clinical Medical Sciences Education Facility (Inpatient Teaching Facility) of the College of Medicine.

The National Advisory Council on Education for Health Professions at its June 1970 meeting recommended approval of this application at a level of support not to exceed \$22,441,649 or 66.67 percent of eligible costs which ever was less. Regrettably, however, Federal funds were not sufficient to fund all of the approved projects and our project was not funded. Additional Federal funds for Health Professions Education Facilities construction are now to be allocated from Federal Fiscal Year 1973 and Fiscal Year 1974 appropriations and a new application cycle has been announced by the Secretary of Health, Education and Welfare. As a part of the formal application, this Board is required to approve the following resolution in order to reapply for Federal funds for this project:

The Board of Trustees of The Ohio State University authorizes and directs that an application be filed with the Secretary of Health, Education and Welfare under Title VII of the Public Health Service Act, as amended, for a grant in support of the development of a Clinical Medical Sciences Education Facility (Inpatient Teaching Facility).

The Board designates Harold L. Enarson, President of The Ohio State University, as the person authorized to file this application and act as the representative of the University in all matters relating to this application and Edward Q. Moulton, Vice President for Business and Administration, as the alternate.

March 1, 1974 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Authorization for the Filing of Application for Grant Funds Under Title VII of the Public Health Service Act, as Amended (continued)

And finally, the Board of Trustees of The Ohio State University is cognizant of the conditions under which such grant funds are made available and approved for payment to an applicant.

President Enarson recommended that the foregoing resolution be adopted by this Board.

Upon motion of Mr. Harrod, seconded by Mr. Safford, the Board of Trustees approved the above recommendation by unanimous roll call vote.

B. Revision of Rules 29.2709, 35.07, and 37.15 of Rules for the University Faculty

The University Senate on February 12, 1974, approved revisions of Rules 29.2709, 35.07, and 37.15 of Rules for the University Faculty. The full text of the Rules as modified is attached. Briefly, the proposed changes are:

- (1) Rules 35.07 and 37.15 pertain to grades resulting from an approved petition to withdraw from a course after noon of the seventh Saturday of a quarter, and
- (2) Rule 29.2709 pertains to membership on the Council on Student Affairs and the Standing Committee on Student Affairs of University Senate.

President Enarson recommended that the changes as authorized by the University Senate be approved by the Board of Trustees and that these changes become effective upon approval by the Board.

Upon motion of Mr. Dunlap, seconded by Mr. Safford, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

C. Degrees and Certificates Conferred--Winter Quarter Commencement

President Enarson recommended that degrees and certificates be conferred at the Winter Quarter Commencement Convocation on March 15, 1974, to those students who have completed the requirements for their respective degrees and certificates and are recommended by the University Senate. The names of those awarded degrees and certificates will be included in the minutes of this meeting. (See Appendix III, page 397.)

Upon motion of Mr. Shocknessy, seconded by Dr. Sirak, the Board of Trustees approved the above recommendation by unanimous voice vote.

Revision of Rules 29.2709, 35.07, and 37.15  
of Rules for the University Faculty

On February 12, 1974, the University Senate approved changes in Rules 29.2709, 35.07, and 37.15 of Rules for the University Faculty. The text of each Rule as modified is as follows:

29.2709. Council on Student Affairs.

Section 2. The University Senate members elected or appointed to the Council on Student Affairs shall also constitute the Standing Committee on Student Affairs of the University Senate.

Section 3. The Vice President for Student Services shall be the Chairperson of the Council. A Vice Chairperson shall be designated by the University Senate members of the Council on Student Affairs, who shall also serve as Chairperson of the University Senate's Standing Committee on Student Affairs.

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35.07. Marks.

W--Withdraw.

Section 4. After noon of the seventh Saturday of a quarter (third Saturday of a term) an undergraduate student, who because of extenuating circumstances finds it necessary to withdraw from one or more courses, must file the appropriate petition with the authorized representative of the Dean or Director of his enrollment unit. Upon approval of the petition, the Office of Registration and Records is authorized to enter the grade W on the student's official permanent record, and the instructor of the course will be so notified; if the petition is not approved, the student continues to be enrolled in the course.

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37.15. Withdrawal from Courses.

Section 4. After noon of the seventh Saturday of a quarter (third Saturday of a term) an undergraduate student, who because of extenuating circumstances finds it necessary to withdraw from one or more courses, must file the appropriate petition with the authorized representative of the Dean or Director of his enrollment unit. Upon approval of the petition, the Office of Registration and Records is authorized to enter the grade W on the student's official permanent record, and the instructor of the course will be so notified; if the petition is not approved, the student continues to be enrolled in the course.

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March 1, 1974 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. Residence Hall Room and Board Rates and  
Rentals for North Campus Apartments

President Enarson made the following statement:

This administration continues to make every reasonable effort to hold down the costs of education in spite of the dramatic increases in costs of operating this University which we are presently experiencing. The pressures of increased costs being imposed on the operation of this University's Residence and Dining Hall Facilities and Apartments have been particularly acute during this past two-year period. Labor costs have been increased almost 25 per cent. Food costs have exceeded this amount. The problem has been compounded by our commitment to provide improved services which will attract students to these facilities rather than drive them away. In an effort to counteract these costs, numerous efficiencies and economies have been implemented both in personnel and operating budgets. Thus through these efforts we have been able to minimize the increases which must be passed on to the students utilizing these services.

I am pleased to be able to report to you that through such efforts it will not be necessary to implement an across-the-board increase in these services for this coming year. Rather, we believe that we can achieve financial stability through selective increases within those housing situations where because of special circumstances such adjustments are essential.

Accordingly, President Enarson recommended that the attached rate structure for the fiscal year 1974-75 be adopted.

Upon motion of Mr. Safford, seconded by Mr. Dunlap, the Board of Trustees approved the foregoing recommendation with the deletion of the rates for Buckeye Village apartments by unanimous roll call vote. (Consideration of the proposed increase in the rates for Buckeye Village apartments will be deferred to a later meeting.)

Mr. Hilliker added for the record that he will request a review of the proposed rates at Buckeye Village and if there is any inequity in these rates this matter will be corrected before it is considered by the Board again.

Residence and Dining Halls  
Rates 1974-75

	Meals Per Week	Current Rates 1973-74		Proposed Rates 1974-75	
		3 Quarters	Quarter	3 Quarters	Quarter
<u>Undergraduate Residence Halls<sup>1</sup></u>					
Room and Meals					
Multiple Occupancy	20	\$1,335	\$445	No Change	
Single	20	1,470	490	No Change	
Room Only					
Multiple Occupancy	--	825	275	No Change	
Single	--	960	320	No Change	
Meals Only	20	738	246	\$ 771	\$257
<u>Special Housing</u>					
<u>Stadium Dormitories<sup>1</sup></u>					
Multiple Occupancy	20	618	206	699	233
		<u>Year</u>	<u>Quarter</u>	<u>Year</u>	<u>Quarter</u>
<u>Graduate and Professional</u>					
<u>Jones Tower<sup>1</sup></u>					
Single	--	\$ 924	\$231	No Change	
Double	--	792	198	No Change	
Double as Single	--	--	--	\$1,028	\$257
<u>Morrison Tower<sup>1</sup></u>					
Single	--	840	210	876	219
Double	--	720	180	756	189
Double as Single	--	--	--	988	247
		<u>Year</u>	<u>Month</u>	<u>Year</u>	<u>Month</u>
<u>Buckeye Village<sup>2</sup></u>					
One Bedroom	--	\$1,128	\$ 94	\$1,188	\$ 99
Two Bedroom	--	1,428	119	1,500	125
<u>Neil Hall<sup>2</sup></u>					
Efficiency	--	1,080	90	No Change	
One Bedroom					
(2 Persons)	--	720	60	No Change	
One Bedroom					
(1 Person)	--	1,440	120	No Change	
Two Bedrooms					
(2 Persons)	--	1,080	90	No Change	
Two Bedrooms					
(3 Persons)					
Single Bedroom	--	1,080	90	No Change	
Double Bedroom	--	720	60	No Change	

<sup>1</sup>Effective Summer Quarter 1974

<sup>2</sup>Effective July 1, 1974

March 1, 1974 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. Residence Hall Room and Board Rates and Rentals for North Campus Apartments (continued)

NORTH CAMPUS APARTMENT RENTAL RATES<sup>1</sup>

	<u>Present Rate</u>	<u>Proposed Rate</u>
<u>Lane Manor Apartments</u>		
One-Bedroom Apartment	\$ 84	\$ 92
<u>Neilwood Gables Apartments</u>		
Efficiency Apartment		
Type 1	82	90
Type 2	88	96
<u>North Campus Apartments</u>		
Two-Bedroom Apartment	103	103
One-Bedroom Apartment	84	92

<sup>1</sup> Effective July 1, 1974

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II. PERSONNEL ACTIONS

Personnel actions since the February 1, 1974 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Appointments, Resignation, Leave of Absence Without Salary, and Emeritus Titles:

A. Appointments

Robert F. Mathis from Assistant Professor, Department of Computer and Information Science, to Assistant Dean and Secretary of the Graduate School, effective July 1, 1974, at a salary of \$19,608 per annum. Dr. Mathis will continue as Assistant Professor at No Salary in the Department of Computer and Information Science.

Albert B. Bishop from Professor in the Department of Industrial and Systems Engineering to Professor and Chairman, Department of Industrial and Systems Engineering, effective July 1, 1974, at a salary of \$29,928 per annum.

Robert Y. Hare, Professor and Director of the School of Music, effective July 1, 1974, at a salary of \$28,608 per annum.



March 1, 1974 meeting, Board of Trustees

II. PERSONNEL ACTIONS (continued)

A. Appointments (continued)

David P. Robinson from Associate Professor and Acting Chairman, Department of Slavic Languages and Literatures, to Associate Professor and Chairman, Department of Slavic Languages and Literatures, effective March 1, 1974, at a salary of \$19,858 per annum.

Tennyson Williams from Clinical Instructor in the Department of Preventive Medicine to Professor and Director of the division of Family Medicine in the Department of Preventive Medicine, effective April 1, 1974, at a salary of \$20,148 per annum. Dr. Williams will be working 50 percent time through June 14, 1974. On June 15, 1974, he will assume the position on a full-time basis at a salary of \$40,128 per annum.

B. Resignation

James C. Kirby, Jr. has resigned his position as Dean of the College of Law, effective June 30, 1974. Dean Kirby will accept a position as Vice President, General Counsel, and Secretary at New York University.

C. Leave of Absence Without Salary

Bonnie J. Garvin, Instructor, School of Nursing, effective February 18, 1974 through March 16, 1974, for personal reasons.

D. Emeritus Titles

Charles E. Blakeslee, Cooperative Extension Service, with the title Professor Emeritus, effective February 1, 1974.

Kenneth S. Rinehart, Cooperative Extension Service, with the title Associate Professor Emeritus, effective February 1, 1974.

President Enarson recommended that the Appointments, Resignation, Leave of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Devenow, seconded by Mr. Safford, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

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March 1, 1974 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

President Enarson recommended that the following contracts and grants negotiated and monies received for the month of January be accepted.

Summary for January 1974

	No. of Projects	Support Level
Office of Fiscal Affairs and the Treasurer of the University	11	\$1,071,437.96
The Ohio State University Research Foundation	44	1,907,362.00
The Engineering Experiment Station	5	<u>19,494.00</u>
		\$2,998,293.96
(Donors)		
The Ohio State University Development Fund	1,202	\$ 340,500.60

A detailed listing of the items in each section is shown on the following pages.

Upon motion of Mr. Safford, seconded by Mr. Shocknessy, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the report from the Office of Fiscal Affairs and the Treasurer of the University and The Ohio State University Development Fund were approved by unanimous voice vote.

March 1, 1974 meeting, Board of Trustees

### III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

#### A. Office of Fiscal Affairs and the Treasurer of the University

##### 1. Federal Contracts/Grants

- a. \$197,758.00 additional grant from Department of Health, Education, and Welfare, Office of Human Development, Washington, D. C., for Structure and Performance of Programs of Child Abuse and Neglect, under the direction of Mershon Center for Education in National Security, for period July 1, 1973 through June 30, 1974. (Grant No. OCD-CB-500)
- b. \$170,632.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, for General Research Support Grant, under the direction of College of Medicine, for period January 1, 1974 through December 31, 1974. (Grant No. 5 S01 RR05409-13)
- c. \$49,300.00 additional grant from National Science Foundation, Washington, D. C., for Institutional Grant for Science, under the direction of the Graduate School. (Grant GU-3637, Amendment No. 4)
- d. \$39,606.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, for General Research Support Grant, under the direction of College of Pharmacy, for period January 1, 1974 through December 31, 1974. (Grant No. 5 S01 RR05607-08)
- e. \$22,032.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, for General Research Support Grant, under the direction of School of Nursing, for period January 1, 1974 through December 31, 1974. (Grant No. 5 S01 RR05742-03)

TOTAL - Federal Contracts/Grants \$479,328.00

##### 2. Industrial and Other Contracts/Grants

- a. \$349,763.00 granted by National Training Fund of the Sheet Metal and Air Conditioning Industry, Washington, D. C., for training sheet metal and air conditioning apprentices in industry, under the direction of Center for Vocational and Technical Education, for period January 1, 1974 through December 31, 1974.
- b. \$120,000.00 granted by Ministry of Education and Culture of the Federative Republic of Brazil, Brazilia, Brazil, for providing technical advice and assistance for the purpose of administering a program for the planning and implementation of technical assistance in agricultural education and administration, under the direction of College of Agriculture and Home Economics, for period November 26, 1973 through June 30, 1975.

March 1, 1974 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

A. Office of Fiscal Affairs and the Treasurer of the University (continued)

2. Industrial and Other Contracts/Grants (continued)

- c. \$57,279.96 granted by Indiana University, Bloomington, Indiana, for conducting an Education Professions Development Act Center/Satellite Project, under the direction of Academic Faculty of Special Services, for period July 1, 1973 through June 30, 1974.
- d. \$53,991.00 granted by Charles F. Kettering Foundation, Dayton, Ohio, for project Columbus in the World: The World in Columbus, under the direction of Mershon Center for Education in National Security, for period October 1, 1973 through December 31, 1974. (Grant-in-Aid No. IA 74-1)
- e. \$8,076.00 granted by Rhode Island State Department of Education, Vocational Education Core Group, Providence, Rhode Island, for Development of a Master Plan for Vocational Education in the State of Rhode Island, under the direction of Center for Vocational and Technical Education, for period February 1, 1974 through March 15, 1974.
- f. \$3,000.00 granted by Planning Systems Corporation, Columbus, Ohio, for improving business and employment opportunities in Ohio, under the direction of College of Administrative Science, for period July 1, 1973 through March 31, 1974.

TOTAL - Industrial and Other Contracts/Grants \$592,109.96

B. The Ohio State University Research Foundation

1. Federal Research Contracts/Grants

- a. \$257,547.00 from Atomic Energy Commission, Argonne, Illinois, for High Energy Physics Studies (Experimental Portion), under the direction of Department of Physics, for period October 1, 1965 through September 30, 1974. (Project 2116 - Mod. #12 and #13)
- b. \$205,975.00 from Department of Health, Education, and Welfare, Education Division, National Institute of Education, Washington, D. C., for Educational Research Information Center (ERIC) for Science, Mathematics, and Environmental Education, under the direction of Academic Faculty of Science and Mathematics Education, for period June 1, 1966 through December 31, 1974. (Project 2228 - Mod. #17)
- c. \$175,000.00 from National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, for ATS-F Millimeter Wavelength Propagation Experiment, under the direction of Department of Electrical Engineering, ElectroScience Laboratory, for period January 14, 1974 through July 14, 1975. (Project 3863-A1 - New)

March 1, 1974 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts/Grants (continued)

- d. \$156,500.00 from National Science Foundation, Washington, D. C., for Mechanized Information Center, under the direction of University Libraries, for period February 1, 1971 through January 31, 1975. (Project 3182-A1 - Amend. #4)
- e. \$103,900.00 from National Science Foundation, Washington, D. C., for Real-Time Animation/Graphics as a Tool for Research, under the direction of College of The Arts, Division of Art, for period November 1, 1973 through October 31, 1974. (Project 3859-A1 - New)
- f. \$69,878.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, for Southwest Cooperative Chemotherapy Group, under the direction of Department of Medicine, for period January 1, 1974 through December 31, 1974. (Project 1094-N - Ext. #14)
- g. \$67,453.00 from Atomic Energy Commission, Argonne, Illinois, for High Energy Physics Studies, under the direction of Department of Physics, for period October 1, 1965 through September 30, 1974. (Project 2116-A - Mod. #12 and #13)
- h. \$67,343.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, for Synthesis of Biologically Important Carbohydrates, under the direction of Department of Chemistry, for period February 1, 1974 through January 31, 1975. (Project 1820-J - Ext. #9)
- i. \$49,985.00 from Department of the Air Force, Office of Scientific Research, Arlington, Virginia, for Automatic Pattern Recognition in a Multi-Sensor Environment, under the direction of Department of Electrical Engineering, for period March 1, 1971 through December 31, 1974. (Project 3183-A1 - Mod. AFOSR-71-2048 E)
- j. \$45,000.00 from Atomic Energy Commission, Argonne, Illinois, for Kinetics of Ionizing-Radiation Induced Reactions in Organic Compounds, under the direction of Department of Chemistry, for period December 1, 1973 through November 30, 1974. (Project 1398-G - Mod. #9-1)
- k. \$44,241.00 from National Endowment for the Humanities, Office of Special Projects, Washington, D. C., for The Social Relevance of the Afro-American Experience, under the direction of Department of Black Studies, for period February 1, 1974 through February 28, 1975. (Project 3864-A1 - New)

March 1, 1974 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts/Grants (continued)

- l. \$43,800.00 from National Science Foundation, Washington, D. C., for New Synthetic Reactions by the 3,2,1-Bicyclic Mechanism, under the direction of Department of Chemistry, for period January 1, 1970 through December 31, 1974. (Project 2933 - Ltr. Dtd. 1/2/74)
- m. \$41,478.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, for Hypocholesterolemic Agents - Stereochemical Studies, under the direction of College of Pharmacy, for period February 1, 1974 through January 31, 1975. (Project 2769-E - Ext. #5)
- n. \$39,988.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, for Research on Preparation of Polymers Containing Carcinogenic Moieties, under the direction of Department of Chemistry, for period January 11, 1974 through January 10, 1975. (Project 3870-A1 - New)
- o. \$39,945.00 from Department of the Army, U. S. Army Research Office--Durham, Durham, North Carolina, for Stimulated Raman Scattering in Methane with Nd: YAG PUMP, under the direction of Department of Electrical Engineering, for period February 1, 1974 through January 31, 1976. (Project 3869-A1 - New)
- p. \$38,100.00 from National Science Foundation, Washington, D. C., for Wave Propagation in Heterogeneous Materials, under the direction of Department of Physics, for period July 1, 1972 through June 30, 1975. (Project 3448-A1 - Amend. #1)
- q. \$34,800.00 from National Science Foundation, Washington, D. C., for The Development of a General Theory of Information Flow and Analysis, under the direction of Department of Computer and Information Science, for period February 1, 1974 through January 31, 1976. (Project 3871-A1 - New)
- r. \$34,334.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolic, and Digestive Diseases, Bethesda, Maryland, for Anti-Vascular Endothelium Antibody in Transplantation, under the direction of Department of Surgery, for period January 1, 1974 through December 31, 1974. (Project 3857-A1 - New)

March 1, 1974 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts/Grants (continued)

- s. \$31,590.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, for Developing a Semiconductor Gamma Camera System for Nuclear Medicine, under the direction of Department of Mechanical Engineering, for period June 30, 1972 through March 31, 1974. (Project 3495-A1 - Mod. #3)
- t. \$29,554.00 from Department of the Army, U. S. Army Medical Research and Development Command, Washington, D. C., for Isolation and Characterization of Plasmodial and Babesial Antigens, under the direction of Department of Microbiology, for period December 1, 1971 through November 30, 1974. (Project 3365-A1 - Mod. #P-403)
- u. \$23,900.00 from National Science Foundation, Washington, D. C., for Spectroelectrochemistry in Flowing Streams, under the direction of College of Pharmacy, for period June 1, 1973 through May 31, 1975. (Project 3681-A1 - Ltr. Dtd. 1/8/74)
- v. \$21,459.00 from Department of the Navy, Office of Naval Research, Arlington, Virginia, for Nucleation and Propagation Kinetics of Crystal Dissolution and Growth, under the direction of Department of Metallurgical Engineering, for period November 15, 1969 through December 14, 1974. (Project 2966 - Mod. #05)
- w. \$19,880.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolic, and Digestive Diseases, Bethesda, Maryland, for Renal Lymph and Renal Function, under the direction of Department of Physiology, for period February 1, 1974 through January 31, 1975. (Project 2308-F - Ext. #6)
- x. \$19,760.00 from National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, for Calculation of Roll Plane Patterns of Antennas Mounted on Aircraft Structures, under the direction of Department of Electrical Engineering, ElectroScience Laboratory, for period November 15, 1973 through November 14, 1974. (Project 2902-A - New)
- y. \$19,000.00 from Atomic Energy Commission, Argonne, Illinois, for Cycling of C1-36 Labeled DDT in Natural Systems, under the direction of Department of Zoology, for period September 1, 1973 through August 31, 1974. (Project 1794-G - Mod. #7-1)

March 1, 1974 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts/Grants (continued)

- z. \$17,900.00 from National Science Foundation, Washington, D. C., for Study of the Ice Sheet Dynamics Northeast of Byrd Station, under the direction of Institute of Polar Studies, for period March 1, 1974 through February 28, 1975. (Project 3855-A1 - New)
- aa. \$17,497.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, for In vitro Study of the Nature of Interaction Between Chemical and Viral Carcinogens, under the direction of Department of Veterinary Pathobiology, for period December 20, 1971 through February 19, 1974. (Project 3374-A1 - Mod. #2)
- bb. \$14,000.00 additional funds from Department of the Army, Eustis Directorate, U. S. Army Air Mobility Research and Development Laboratory, Fort Eustis, Virginia, for Investigation of Gear Dynamic Signal Analysis, under the direction of Department of Mechanical Engineering. (Project 3707-A1 - Mod. #P00001)
- cc. \$13,872.00 from Department of Health, Education, and Welfare, Public Health Service, Center for Disease Control, National Institute of Occupational Safety and Health, Rockville, Maryland, for Development and Presentation of an Instructional Course Entitled "Program Officials Guide to Contracting," under the direction of College of Administrative Science, Division of Continuing Education, for period December 26, 1973 through May 31, 1974. (Project 3854-A1 - New)
- dd. \$9,700.00 from National Science Foundation, Washington, D. C., for Study of the Qualccaya Ice Cap, Peru: A Possible Cold, Tropical Glacier, under the direction of Institute of Polar Studies, for period January 1, 1974 through September 30, 1974. (Project 3860-A1 - New)
- ee. \$7,500.00 from National Science Foundation, Washington, D. C., for Mapping of Eruption Effects, Deception Island, Antarctica, under the direction of Institute of Polar Studies, for period December 15, 1973 through December 14, 1974. (Project 3861-A1 - New)
- ff. \$2,600.00 additional funds from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Office of the Director, Bethesda, Maryland, for Presentation of Instructional Course Entitled "Program Officials Guide to Contracting," under the direction of College of Administrative Science, Division of Continuing Education. (Project 3804-A1 - Mod. #2)



March 1, 1974 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts/Grants (continued)

- gg. \$2,500.00 from National Science Foundation, Washington, D. C., for Dry Valley Drilling Project--Geochemical and Chronological Studies in the Ice-Free Valleys, Antarctica, under the direction of Institute of Polar Studies, for period January 1, 1974 through June 30, 1975. (Project 3865-A1 - New)

TOTAL - Federal Research Contracts/Grants \$1,765,979.00

2. State of Ohio Research Contracts/Grants

- a. \$6,300.00 additional funds from Ohio Department of Mental Health and Mental Retardation, Columbus, Ohio, for The Diagnosis and Treatment of Sociopathic Personality in Psychiatric Inpatients: An Alternative to Institutionalization, under the direction of Department of Psychiatry. (Project 3753-A1 - Amend. #1)
- b. \$4,000.00 from Ohio Department of Economic and Community Development, Columbus, Ohio, for Conducting a Management Analysis of the Village of Urbancrest as Part of a Demonstration Plan of Community Development for Small Urbanized Communities, under the direction of College of Administrative Science, Division of Public Administration, for period January 8, 1974 through April 1, 1974. (Project 3866-A1 - New)

TOTAL - State of Ohio Research Contracts/Grants \$10,300.00

3. Industrial, Subcontracts/Grants and Other  
Non-Federal Research Contracts/Grants

- a. \$27,200.00 from World Health Organization, Human Reproduction Unit, Geneva, Switzerland, for Evaluation of Immunizations of Female Baboons with Hapten-coupled Baboon Placental Lactogen as a Fertility Control Method-Task Force on Immunological Methods of Fertility Regulation, under the direction of Department of Obstetrics and Gynecology, for period January 1, 1974 through December 31, 1974. (Project 3858-A1 - New)
- b. \$22,900.00 from World Health Organization, Human Reproduction Unit, Geneva, Switzerland, for Evaluation of Immunizations of Female Baboons with Hapten-coupled Baboon Placental Lactogen as a Fertility Control Method-Task Force on Immunological Methods of Fertility Regulation, under the direction of Departments of Obstetrics and Gynecology and Medical Microbiology, for period January 1, 1974 through December 31, 1974. (Project 3858-B1 - New)

March 1, 1974 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

3. Industrial, Subcontracts/Grants and Other  
Non-Federal Research Contracts/Grants (continued)

- c. \$20,000.00 from Petroleum Research Fund, American Chemical Society, Washington, D. C., for Alicyclic Molecules with Petroleum Homoaromatic and Three-Dimensional Aromatic Ground States, under the direction of Department of Chemistry, for period September 1, 1974 through August 31, 1976. (Project 3868-A1 - New)
- d. \$16,235.00 from Kal Kan Foods, Incorporated, Columbus, Ohio, for Feeding Study, under the direction of Laboratory Animal Center, for period December 1, 1973 through November 30, 1974. (Project 3867-A1 - New)
- e. \$15,000.00 from Ohio Program in the Humanities, Columbus, Ohio, for Justice, Law, and Public Opinion: A Black Perspective, under the direction of Department of Black Studies, for period January 1, 1974 through July 31, 1974. (Project 3856-A1 - New)
- f. \$8,926.00 from North Atlantic Treaty Organization Headquarters, Belgium, for Transient Electrochemical Processes on Transiently Strained Electrodes of Fe-Cr-Ni Alloys, under the direction of Department of Metallurgical Engineering, for period January 1, 1974 through December 31, 1974. (Project 3872-A1 - New)
- g. \$8,454.00 from University of Washington, Seattle, Washington, for Investigations of the Geographic Applications of Holography, under the direction of Department of Electrical Engineering, ElectroScience Laboratory, for period July 1, 1973 through June 15, 1974. (Project 3759-A1 - P.O. 724877)
- h. \$7,300.00 from Ohio Department of Rehabilitation and Corrections, Columbus, Ohio, for Evaluation of Parole Officer Aide Program, under the direction of College of Administrative Science, Division of Public Administration, for period September 1, 1973 through May 6, 1974. (Project 3653-B1 - Ext. #1)
- i. \$5,068.00 from Rachelwood Wildlife Research Preserve, Pittsburgh, Pennsylvania, for The Effect of Undernutrition on the Reproductive Endocrinology of White Tailed Deer, under the direction of Department of Zoology, for period June 1, 1974 through May 31, 1975. (Project 3874-A1 - New)

TOTAL - Industrial, Subcontracts/Grants and Other  
Non-Federal Research Contracts/Grants \$131,083.00

March 1, 1974 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

C. The Engineering Experiment Station

1. State of Ohio Research Contract

- a. \$5,682.00 from Ohio Department of Transportation, Columbus, Ohio, for Development of an Educational Film on Driver Eye Movements for Highway Designers and Traffic Engineers, under the direction of Department of Industrial and Systems Engineering, for period December 14, 1973 through September 13, 1974. (EES 474)

2. Industrial and Other Research Contracts

- a. \$7,500.00 from Owens Illinois Technical Center, Toledo, Ohio, for Polymer Engineering Research, under the direction of Department of Chemical Engineering, for period January 1, 1974 through January 1, 1975. (EES 408 - Ext. #3)
- b. \$3,452.00 from AMP, Incorporated, Glen Rock, Pennsylvania, for Development of a Center Draw Transducer, under the direction of Department of Engineering Mechanics, for period January 1, 1974 through April 30, 1974. (EES 473)
- c. \$1,600.00 from Pennsylvania Separator Company, Brookville, Pennsylvania, for In-Line Separator Efficiency, under the direction of Department of Mechanical Engineering, for period January 1, 1974 through May 31, 1974. (EES 438 - Ext. #3)
- d. \$1,260.00 from Monsanto Research Corporation, Dayton, Ohio, for Design Analysis of Neutron Sources for Use in Nuclear Power Reactors, under the direction of Department of Mechanical Engineering (Nuclear Division), for period January 1, 1974 through March 31, 1974. (EES 472 - Ext. #1)

TOTAL - Industrial and Other Research Contracts \$13,812.00

D. The Ohio State University Development Fund

1. Gifts of \$5,000 or More

- a. \$50,000.00 from Estate of Edith R. Harris, Delphos, Ohio, to be added to the endowed scholarship fund for students attending the Lima Regional Campus.
- b. \$30,000.00 from E. I. du Pont de Nemours & Company, Wilmington, Delaware--\$15,000.00 for the Department of Chemistry, \$10,000.00 for the Department of Chemical Engineering, and \$5,000.00 for the Department of Mechanical Engineering.

March 1, 1974 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund (continued)

1. Gifts of \$5,000 or More (continued)

- c. \$27,902.50 from Florence O. Wilson, Oklahoma City, Oklahoma, for her named endowment fund for the development of the University's Ernest Q. Moore's Demonstration Farm.
- d. \$26,500.00 from Estate of Olline G. Hyman, Columbus, Ohio, for the Department of Ophthalmology for eye research.
- e. \$23,816.48 from Louise Orr Scott Foundation, Columbus, Ohio-- \$17,862.36 for scholarships in the College of Medicine and \$5,954.12 for scholarships in the College of Pharmacy.
- f. \$12,350.00 from General Motors Corporation, Detroit, Michigan, for their named scholarship fund.
- g. \$9,875.00 from The Refractories Institute, Pittsburgh, Pennsylvania, for research in the Department of Ceramic Engineering.
- h. \$7,600.00 from The Charles F. High Foundation, Bucyrus, Ohio, for its named scholarship fund.
- i. \$7,222.00 from The Grace High Washburn Trust, Bucyrus, Ohio, for its scholarship fund.
- j. \$6,000.00 from Roy and Sara Brenholts Fund, Columbus, Ohio, to support research of arthritis due to mycoplasmas.
- k. \$6,000.00 from Ciba-Geigy Corporation, Summit, New Jersey, to support endocrine research.
- l. \$5,500.00 from Johnson & Johnson, East Windsor, New Jersey, for dental research.
- m. \$5,250.00 from The Pharmaceutical Manufacturers Association Foundation, Inc., Washington, D. C., for the PMA Foundation's fellowship fund.
- n. \$5,000.00 from George H. Dunlap, Columbus, Ohio, to apply on the purchase of an argon laser machine.
- o. \$5,000.00 from Exxon Education Foundation, New York, New York, for a fellowship in chemical engineering.
- p. \$5,000.00 from Don F. Marsh, Dublin, Ohio, for the University Activities Center.

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March 1, 1974 meeting, Board of Trustees

IV. BUSINESS AND ADMINISTRATION

A. Architects or Engineers

1. Cancellation of Previous Actions - Approval of Engineers for the Projects Designated as--Hagerty Hall Air Conditioning and Derby Hall Air Conditioning

In agreement with the University's current programs and in the national interest to conserve energy, it was proposed that two of the University's Utilities and Renovation projects which were primarily air conditioning in nature be removed from active status.

These jobs have progressed only to the point of hiring engineers.

President Enarson recommended that Board action for the employment of engineers for the following projects be rescinded:

Hagerty Hall Air Conditioning

W. E. Monks, Engineers - October 5, 1973

Derby Hall Air Conditioning

Heapy & Associates - November 2, 1973

2. Mansfield Campus, Phase IV

President Enarson recommended that the architectural firm of Zaugg, Olinger, Zaugg, Architects, Inc., Mansfield, Ohio, be employed to provide complete architectural and engineering services for this project, including preliminary plans, basic drawings, working drawings, specifications, estimate of cost, architectural rendering, necessary bidding documents, and supervision of construction.

The fee for this service will be negotiated between the architectural firm and the Division of Public Works. The total estimated project cost is \$3,870,000.

Funds for this service have been provided from H. B. 985, Item 315-082 (Mansfield Branch, Ohio State University, in cooperation with North Central Ohio Technical College).

3. Marion Campus, Phase II

President Enarson recommended that the architectural firm of Edwards, Burris & Lockwood, Marion, Ohio, be employed to provide complete architectural services for this project including preliminary plans, basic drawings, working drawings, specifications, estimate of cost, architectural rendering, necessary bidding documents, and periodic supervision of construction.

March 1, 1974 meeting, Board of Trustees

IV. BUSINESS AND ADMINISTRATION (continued)

A. Architects or Engineers (continued)

3. Marion Campus, Phase II (continued)

The fee for this service will be negotiated between the architectural firm and the Division of Public Works. The total estimated project cost is \$2,500,000.

Funds for this service have been provided from H.B. 985, Item 315-088 (The Ohio State University, in cooperation with Marion Technical College), and H.B. 988, Item 359-001 (Marion Technical College, in cooperation with The Ohio State University).

Upon motion of Mr. Safford, seconded by Dr. Sirak, the above recommendations were approved by unanimous roll call vote.

B. Plans and Specifications

At the request of the Vice President for Business and Administration, President Enarson recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

1. Ohio Stadium--Additional Rest Room Facilities

This project will provide additional rest room facilities on the ground level of the Ohio Stadium. Existing facilities will be approximately doubled.

Funds are budgeted in Budget Account 801288 (Athletic Revenue Funds).

2. Ohio Stadium--All Weather Track

This project will involve excavation of the track area and some other areas peripheral to the playing field, replace excavated material with controlled fill, installation of asphalt concrete subsurface and synthetic running track surfacing and synthetic surfaces for other recreational facilities in the Ohio Stadium area.

Funds are budgeted in Budget Account 801287 (Athletic Revenue Funds).

Upon motion of Mr. Dunlap, seconded by Mr. Safford, the above recommendation was approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. The Vice President for Business and Administration was directed to proceed with a request for bids in the normal University manner, and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

March 1, 1974 meeting, Board of Trustees

IV. BUSINESS AND ADMINISTRATION (continued)

C. Report of Award of Contracts

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and the contracts were recommended for award. The action reported to the Board was as follows:

1. Agricultural Technical Institute, Wooster, Ohio--  
Street and Parking Lot Lighting

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electric Contract</u> (4 bids received 1-22-74)		
Mirk, Inc. (Orrville, Ohio)	\$16,211.00	\$23,000.00

Funds for this project have been provided in H. B. 985, Item 366-001 (Agricultural Technical Institute).

2. Lazenby Hall, Optometry Building (Part I), Physical  
Education Building - Interior Painting, 1974

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (4 bids received 2-19-74)		
L. D. Henry, Inc. (Columbus)	\$49,432.00	\$63,780.00

Funds for this project have been provided in Budget Account 125064 (Contract Repair).

Upon motion of Mr. Dunlap, seconded by Mr. Harrod, the above award of contracts and expenditure of funds were approved and the action of the Vice President for Business and Administration was ratified by unanimous roll call vote.

D. Other

1. Easement - Columbus and Southern Ohio Electric Company,  
OSU Golf Course at McCoy and Kenny Roads

The University has received a request from the Columbus and Southern Ohio Electric Company for a 5' by 20' and a 47.36' easement at the north-east corner of The Ohio State University Golf Course at Kenny and McCoy Roads. The purpose of this easement is to install underground electric cables and will be effective for a period of fifteen years.

It was recommended that the President and/or the Vice President for Business and Administration be authorized to request the Division of Public

March 1, 1974 meeting, Board of Trustees

IV. BUSINESS AND ADMINISTRATION (continued)

D. Other (continued)

1. Easement - Columbus and Southern Ohio Electric Company,  
OSU Golf Course at McCoy and Kenny Roads (continued)

Works, pursuant to their statutory duties to act on behalf of the University in developing the necessary legal instruments to provide for this easement.

Upon motion of Mr. Harrod, seconded by Mr. Safford, the above recommendation was approved by unanimous roll call vote.

E. Report of Controlling Board Actions Pertaining  
to The Ohio State University

- 17 Approves the release of \$77,992 from H.B. 985, Item 315-074 (Utilities and Renovations) to award the electrical contract work for the project known as "Substation C--Underground Cable and Equipment."
- 18 Approves the expenditure of \$85,000 from the Investment Fund to purchase the property commonly referred to as the Ott Farm.

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V. REPORTS

A. Report on Action Taken by Ohio Board of Regents

President Enarson reported that the Ohio Board of Regents at the meeting held February 15, 1974, approved the

New degree program Master of Arts in Black Studies submitted by The Ohio State University.

B. Report from the Insurance Committee

Mr. Devenow, as Chairman of the Insurance Committee of this Board, made the following recommendation:

I wish to recommend on behalf of this Committee and with the full support of the administration of the University, the establishment of a supplemental long-term disability program for the purpose of supplementing the disability benefits for those employees of this University who are presently within either the State Teachers Retirement System or the Public Employees Retirement System, and specifically, that the Teachers Insurance Annuity Association be awarded a long-term disability contract effective July 1, 1974,



March 1, 1974 meeting, Board of Trustees

V. REPORTS (continued)

B. Report from the Insurance Committee (continued)

Mr. Devenow's recommendation (continued)

at a premium rate of 21 cents per hundred dollars of payroll per year for a period of three years, subject to renewal for an additional three years based upon satisfactory performance.

In making this recommendation, I should like to point out that the need for this supplemental disability program was first brought to this Board's attention approximately three years ago by the firm of Alexander and Alexander, Inc., engaged by this Board to review the insurance program of this University. At the direction of this Board the University administration reviewed this matter and solicited the information and experience from a number of other universities, prepared the necessary bid documents and employee information, solicited bids from over forty insurance carriers, made a careful analysis of the comparative benefits versus cost, and in turn recommended that the Teachers Insurance Annuity Association be awarded this contract.

Finally, I should like to say that the Committee believes that the addition of this benefit fills a very distinct void in the current benefit package of a large segment of the employees within this University, and, accordingly, I am pleased to move the adoption of this recommendation.

Upon motion of Mr. Devenow, seconded by Mr. Safford, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

C. Report on the University's Investment Portfolio

The report dated February 22, 1974, as submitted to the Finance Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

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Thereupon the Board adjourned to meet Friday, April 5, 1974, at The Ohio State University Lima Campus, Lima, Ohio, at 10:30 a.m.

Attest:

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Edward Q. Moulton  
Secretary

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Don M. Hilliker  
Chairman

Page 396 Blank

APPENDIX III

Degrees Conferred at  
THE OHIO STATE UNIVERSITY  
COMMENCEMENT CONVOCATION

March 15, 1974

Page 398 Blank

## Graduate School

Dean: Arliss L. Roaden

### Doctor of Philosophy

Seventy-one candidates

Kaiomars Phiroze Anklesaria, Bombay, India  
B.E. (University of Poona, India) ; M.S. (Carnegie-Mellon University) ; M.B.A. (University of Dayton)  
*Dissertation*: A Method of Analysis for the Determination of System Behavior Through the Analysis of Time-Series Nominal Data  
*Field of Specialization*: Business Administration

Robert Casmer Banasik, Columbus  
B.S.M.E. (Wayne State University) ; M.S. in Ind.Engr. (Texas Technological College) ; M.B.A.  
*Dissertation*: Partitioning the Regulator: An Investigation of the Relationship Between Regulator Part Functions and the Patient State  
*Field of Specialization*: Business Administration

Peter Nevius Bartram, Columbus  
B.S. (Michigan State University) ; M.S.  
*Dissertation*: Development of a Dual-Computer System Executive and Application of the System to Analysis of Extruded Plastic Sheet  
*Field of Specialization*: Chemical Engineering

Roger Lee Baur, Columbus  
B.S., M.S. (Michigan State University)  
*Dissertation*: Historical Description of Capital and Technology Changes at the Farm Level in Four Southern Brazil Regions: 1960-1969  
*Field of Specialization*: Agricultural Economics and Rural Sociology

Gregory John Blosick, Selinsgrove, Pa.  
B.S. (Bucknell University)  
*Dissertation*: Studies in Nitrenium Ion Chemistry: Cyclizations to a Nondescript Nitrogen Center  
*Field of Specialization*: Chemistry

P. Dee Boersma, Mt. Pleasant, Mich.  
B.S. (Central Michigan University)  
*Dissertation*: A Behavioral and Ecological Study of the Galapagos Penguin (*Spheniscus mendiculus*)  
*Field of Specialization*: Zoology

Linda Parrish Brady, Hillsdale, N. J.  
A.B., A.M. (Douglass College)  
*Dissertation*: Threat, Decision Time, and Awareness: The Impact of Situational Variables on Foreign Policy Behavior  
*Field of Specialization*: Political Science

Gary Vernon Branson, Mt. Vernon  
A.B. (Morehead State University) ; M.Ed. (Kent State University)  
*Dissertation*: The Characteristics of Upper Level Administrators in State Departments of Education and the Relationship of These Characteristics to Other State Variables  
*Field of Specialization*: Education

Frank Lewis Breedlove, Springfield  
B.S.Agr., M.A.  
*Dissertation*: Teacher and Student Assessments of the Performance Capabilities of Graduates of Agricultural-Industrial Equipment Mechanics Curricula in Joint Vocational Schools  
*Field of Specialization*: Agricultural Education

William Kent Brooks, Columbus  
B.S. (Mississippi State University)  
*Dissertation*: A Study of the Attitudes and Teaching Behaviors of Occupational Orientation Teachers in Mississippi  
*Field of Specialization*: Education

Jo Carol Brown, Columbus  
B.S., B.S.Ed., M.S.  
*Dissertation*: A Comparative Study of Patterns of Pacing and Review in a Pre-Calculus Mathematics Sequence for College Freshmen  
*Field of Specialization*: Education

James Fredrick Burson, Worthington  
B.A. (Muskingum College) ; M.A.  
*Dissertation*: Developing a Systematic Procedure to Basketball Film Analysis and Utilization  
*Field of Specialization*: Physical Education

Inez Cardozo-Freeman, Worthington  
B.S.Ed., M.A.  
*Dissertation*: Arnulfo Castillo, Mexican Fold-Poet  
*Field of Specialization*: Education

Shirley Ann Chase, Worthington  
B.S. in Ed., M.Ed. (University of Missouri)  
*Dissertation*: Interaction Simulation Technique as a Means for the Preparation of Home Economics Administrators  
*Field of Specialization*: Home Economics

David John Citino, Cleveland  
B.A. (Ohio University) ; M.A.  
*Dissertation*: From Pemberley to Eccles Street: Families and Heroes in the Fiction of Jane Austen, Charles Dickens, and James Joyce  
*Field of Specialization*: English

Richard Post Coatney, Columbus  
A.B. (University of Cincinnati) ; A.M. (Indiana University)  
*Dissertation*: The Effect of Activity and Responsibility Assignments on Learning From Written Materials  
*Field of Specialization*: Psychology

Nimrod Cobb, Hurtsboro, Ala.  
B.S. (Alabama Agricultural and Mechanical College) ; M.Ed. (Tuskegee Institute)  
*Dissertation*: Inservice Education for Black Teachers of Vocational Agriculture in Alabama  
*Field of Specialization*: Agricultural Education

James Frederic Corum, Columbus  
B.S. (E.E.) (Lowell Technological Institute); M.S.  
*Dissertation:* An Investigation of the Anholonomic  
Nature of the Rotating Lorentz Transformation with  
Applications to Electrodynamics  
*Field of Specialization:* Electrical Engineering

Robert Lee Daugherty, Charleston, W. Va.  
A.B., A.M. (West Virginia University)  
*Dissertation:* Citizen Soldiers in Peace: The Ohio  
National Guard, 1919-1940  
*Field of Specialization:* History

Michael John Devine, Columbus  
B.A. (Loras College); M.A.  
*Dissertation:* John W. Foster and the Diplomacy of  
Imperialism  
*Field of Specialization:* History

William Joseph DiBattista, Lynwood, Calif.  
B.S. (University of Rhode Island)  
*Dissertation:* Asparatate Carbamyl Transferase Activity  
During Different Conditions of Rat Uterine Growth  
*Field of Specialization:* Physiology

Richard Alan Dieffenderfer, Columbus  
B.A., M.A. (State Teachers College, Trenton, New Jersey)  
*Dissertation:* Metric Contingency Study: A National  
Survey Concerning Problems in State Level Vocational  
Education Planning for Metrication  
*Field of Specialization:* Education

Leroy Edward Erker, Wichita, Kan.  
A.B. (Saint Benedict's College); M.A.T. (Oberlin College)  
*Dissertation:* Development of an Observational Instrument  
to Assess the Instructional Variety of the Student Teacher  
of Secondary Mathematics  
*Field of Specialization:* Education

James Lee Felty, Columbus  
A.B., A.M. (University of Missouri)  
*Dissertation:* A Quantitative Stylistic Comparison of the  
Oral and Written Language Habits of Twenty Ohio State  
University Freshmen  
*Field of Specialization:* English

Eugene Louis Ferretti, Lockport, Ill.  
B.A. (Lewis College); M.S.  
*Dissertation:* Infrared Bands of HCNO and DCNO  
*Field of Specialization:* Physics

Gordon Edward Fuchs, Dayton  
B.S., M.S. (University of Wisconsin)  
*Dissertation:* The Effects of Three Different Types of  
Student Teacher-College Supervisor Conferences upon  
Selected Phenomena Associated with Supervisory  
Conferences  
*Field of Specialization:* Education

Charles Thorne Gaskins, Jr., Lubbock, Tex.  
B.S.Agr., M.S. (Texas Technological College)  
*Dissertation:* An Evaluation of a Range Cattle Selection  
Program  
*Field of Specialization:* Dairy Science

Mark Lee Gillenson, Brooklyn, N. Y.  
B.S. (Rensselaer Polytechnic Institute); M.S.  
*Dissertation:* The Interactive Generation of Facial  
Images on a CRT Using a Heuristic Strategy  
*Field of Specialization:* Computer and Information Science

Joseph Goldsten, Lexington, Va.  
B.S. (Virginia Polytechnic Institute); M.S. (Lehigh  
University)  
*Dissertation:* A Normative Model of Net Operating Income  
and the Effect of Inflation on the Market Value and  
Equity Interest of Multi-Family Dwelling Units  
*Field of Specialization:* Business Administration

Roger Allan Gruenke, Dayton  
B.E.E. (University of Minnesota); M.S.  
*Dissertation:* Design, Programming, and Use of an  
Interactive Terminal—Computer System to Determine  
the Effect of Aortic Smooth Muscle on Aortic Input  
Impedance  
*Field of Specialization:* Electrical Engineering

Gordon Dwight Gruetzmacher, Sinton, Tex.  
B.S. in Chem. (University of Texas)  
*Dissertation:* The Chemistry of Azasulfonium Salts  
*Field of Specialization:* Chemistry

Robert William Hall, Columbus  
B.S.Agr., M.S.  
*Dissertation:* The Effects of Pharmacologically-Induced  
Reversible Aspermatogenesis and Cryptorchidism on  
Serum Estrogens of the Male Rat  
*Field of Specialization:* Dairy Science

Judy Jones Hample, Jacks Creek, Tenn.  
B.A. (David Lipscomb College); M.A.  
*Dissertation:* William Wirt: A Study in Rhetorical Stance  
*Field of Specialization:* Communication

Chester Kirk Hansen, Columbus  
B.S., M.S. (Washington State University)  
*Dissertation:* Attitudes of Students, Parents, and Public  
School Teachers, Compared to College of Education  
Faculties Concerning Career Education Concepts  
*Field of Specialization:* Education

Anne Cole Hayes, Lexington, Ky.  
B.S. (Berea College); M.S. (University of Kentucky)  
*Dissertation:* Assessment of Eighth and Eleventh Grade  
Student Attitudes Toward Major Home Economics  
Curriculum Concepts  
*Field of Specialization:* Home Economics

John Anthony Hilderbrand, Hialeah, Fla.  
B.S. (Florida State University); M.Ed. (University of  
Miami)  
*Dissertation:* A Study of Role Conflict and Credibility of  
Educational Evaluators in Selected Large City School  
Systems  
*Field of Specialization:* Education

Harold Willard Horton, Gahanna  
B.S. in Ed. (Capital University); M.A. (McCormick  
Theological Seminary); M.A. (Roosevelt University)  
*Dissertation*: A Study of the Status of Black Studies  
Programs in Universities and Colleges in the United States  
of America  
*Field of Specialization*: Education

Alan Jeffrey Katz, Columbus  
B.S., M.S.  
*Dissertation*: Some Effects of Population Structure on  
Response to Selection for Body Weight in *Drosophilla*  
*melanogaster*  
*Field of Specialization*: Genetics

Edward Thomas Kelly, Arlington, Mass.  
B.S., M.S. (Massachusetts College of Pharmacy)  
*Dissertation*: An Examination of the Pharmacists  
Perceptions of Demographic and Competitive Market  
Factors  
*Field of Specialization*: Pharmacy

Lois Belton Kinney, Columbus  
B.Sc. (Wilberforce University); M.A.  
*Dissertation*: A Rhetorical Study of the Practice of  
Frederick Douglas on the Issue of Human Rights,  
1840-1860  
*Field of Specialization*: Communication

William Case Kramer, Columbus  
B.A. (University of Virginia); A.M. (Columbia  
University)  
*Dissertation*: Gordon Craig: Uber-Director, Major  
Influences on Craig's Theory and Practice  
*Field of Specialization*: Theatre

Michael Joseph Kukla, Kalamazoo, Mich.  
B.A. (Kalamazoo College)  
*Dissertation*: Thermal and Photo-Induced Hydrocarbon  
Interconversions  
*Field of Specialization*: Chemistry

Janet Pentress Laster, Milford Center  
B.S. (Murray State College); M.S.  
*Dissertation*: Effects of Home Economics Teacher  
Education Courses and Selected Experiences on Attitudes  
Concerning Self  
*Field of Specialization*: Home Economics

Charles Arthur Layne, Clayton  
B.S.Ed.; M.A. (Wright State University)  
*Dissertation*: Perception of Verbal Classroom Behavior  
by Culturally Different Students  
*Field of Specialization*: Education

James Herbert Lee, Houston, Tex.  
B.A. (North Texas State University); M.A.  
*Dissertation*: Nationalism and Education in Mexico,  
1821-1861  
*Field of Specialization*: History

Patricia Ann Lee, Columbus  
B.A., M.A. (University of Iowa)  
*Dissertation*: Impositive Speech Acts  
*Field of Specialization*: Linguistics

Helen Elizabeth Lindsay, Baltimore, Md.  
B.S., M.Ed. (State Teachers College, Towson); M.Ed.  
(Shippensburg State College)  
*Dissertation*: Sex-Role Classification of School Objects by  
Selected Second-Grade Boys from Contrasting Learning  
Environments  
*Field of Specialization*: Education

Linn Earl Miller, Jr., Lewisburg  
B.S.E., M.S. (University of Michigan)  
*Dissertation*: Application of Differential Games to  
Pursuit-Evasion Problems  
*Field of Specialization*: Industrial and Systems  
Engineering

Ray Napoleon Moses, Jr., Fairborn  
B.A.E. (Georgia Institute of Technology)  
*Dissertation*: The Evolution of Solar Active Regions  
*Field of Specialization*: Astronomy

Lizbeth Fay Mynko, Youngstown  
B.A. (Bowling Green State University); M.S.  
*Dissertation*: Health and Illness in Rural America  
*Field of Specialization*: Agricultural Economics and Rural  
Sociology

Janice Winne Palm, Jonesville, N. Y.  
B.A.  
*Dissertation*: Correlation of Physiological Activity with  
Ultrastructural Changes in the Carotid Body of the Cat  
*Field of Specialization*: Pharmacology

William Gerald Platt, Detroit, Mich.  
B.S. (Michigan State University); M.B.A. (Wayne State  
University); M.A.  
*Dissertation*: Conceptual Analysis of the Base Sharing  
Approach to Reducing Metropolitan Fiscal Disparities  
*Field of Specialization*: Public Administration

Joseph Matthew Plecnik, New Middletown  
B.E. (Youngstown University); M.S.  
*Dissertation*: Optimization of Engineering Systems Using  
Extended Geometric Programming  
*Field of Specialization*: Civil Engineering

James Patrick Reilly, Columbus  
B.S. (Pennsylvania State University); M.S.  
*Dissertation*: Station Position Determination from  
Correlated Satellite Observations in the NGS/DOD  
(BC-4) Worldwide Network  
*Field of Specialization*: Geodetic Science

Edward Lloyd Rice, Columbus  
A.B. (West Virginia University);  
B.S. in Ed. (Morris Harvey College); M.A.  
*Dissertation*: The Influence of the Reformation on  
Nuremberg's Provisions for Social Welfare 1521-1528  
*Field of Specialization*: History

Helen Wilkinson Richter, Milledgeville, Ga.  
A.B. (Woman's College of Georgia); M.S.  
*Dissertation*: The Radiolysis of Deuterium Oxide Vapor:  
Mechanisms for the Production of Hd-Molecules in the  
Presence of Protium and Propane Radical Scavengers  
*Field of Specialization*: Chemistry

Daniel Louis Schneid, Columbus  
 B.S. (West Virginia Institute of Technology);  
 M.S. (Florida State University)  
*Dissertation*: Social Responsibility: An Empirical Test  
 of Significance  
*Field of Specialization*: Business Administration

Robert Dean Sedoris, Springfield  
 B.S.Ed., M.A.  
*Dissertation*: An Analysis of Selected Aspects of Student  
 Teaching Abroad  
*Field of Specialization*: Education

Long-Chin Shieh, Huairen, Taiwan  
 B.S. (National Taiwan University);  
 M.S. (University of Houston)  
*Dissertation*: A Study of Frequency Variation in  
 Ultrasonic Transducers  
*Field of Specialization*: Engineering Mechanics

Larry Anthony Shockling, Canton  
 B.M.E., M.S.  
*Dissertation*: Hysteretic Load-Deflection Characteristics of  
 Mechanically Coupled Tubular Assemblies  
*Field of Specialization*: Mechanical Engineering

John Michael Showalter, Lancaster  
 B.A., M.A.  
*Dissertation*: Test Anxiety Reduction: A Comparison of  
 Three Approaches  
*Field of Specialization*: Education

Steven Alan Shull, Columbus  
 B.S. (Manchester College); M.A. (Ball State University);  
 M.A.  
*Dissertation*: A Comparative Examination of Agency  
 Policy Response to Structural, Environmental, and  
 Budgetary Stimuli  
*Field of Specialization*: Political Science

Sirichai Sirikaya, Nontabure, Thailand  
 B.A. (Chulalongkorn University); M.A.  
*Dissertation*: An Exploratory Investigation of  
 Communication Media Variables in Relation to National  
 Behavior Variables: A Cross-National Study  
*Field of Specialization*: Communication

John S. Skuratowicz, Berwyn, Ill.  
 B.S., M.S. (Trinity University)  
*Dissertation*: Synthesis and Characterization of Some  
 Complexes Containing Macrocylic Liquids Derived from  
 Acid Salts of Ortho-Aminobenzaldehyde  
*Field of Specialization*: Chemistry

Shu Shen Sun, Taipei, Taiwan  
 B.S.E. (Taiwan Cheng Kung University);  
 M.S. (University of North Dakota)  
*Dissertation*: A Theoretical Study of Gaits for Legged  
 Locomotion Systems  
*Field of Specialization*: Electrical Engineering

Pankajam Sundaram, Madras, India  
 B.Sc., M.Sc. (Fatima College of Madras)  
*Dissertation*: An Exploratory Use of the Simulation  
 Technique in Studying Planning Abilities and Decision  
 Making Patterns Among Indian Couples  
*Field of Specialization*: Home Economics

Thomas Lindsay Terrall, Marion  
 B.S. (Capital University)  
*Dissertation*: Polarization from Scattering Polarized  
 Spin-1 Particles on Unpolarized Spin-1 Particles  
*Field of Specialization*: Physics

Stephen Scott Ulrey, Dordrecht, Holland  
 B.S. (West Virginia University)  
*Dissertation*: Bifunctional Catalysis of  $\beta$ -Hydrogen  
 Exchange in Isobutyraldehyde-2-d by Octakis-O-  
 (3-Aminopropyl) sucrose  
*Field of Specialization*: Chemistry

Thomas Michael Walsh, East Liverpool  
 B.S.E.E. (Ohio University); M.S. in Engr. (University  
 of Akron)  
*Dissertation*: Attitude Determination of a Spinning  
 Spacecraft Through Application of Detected and  
 Identified Star Transits to the Estimation of Spacecraft  
 Model Parameters  
*Field of Specialization*: Electrical Engineering

Norman Dean Wheatecraft, Canton  
 B.A., M.A.  
*Dissertation*: Francis Coventry's *Pomey the Little*: An  
 Historical, Textual, and Critical Study  
*Field of Specialization*: English

Robert Howard Zerbst, Columbus  
 B.A. (Miami University); M.A., M.B.A.  
*Dissertation*: The Determinants of Single Family  
 Residential Property Values with Special Reference to the  
 Measurement of Housing Quality and Environmental  
 Factors  
*Field of Specialization*: Business Administration



## Certificate of Specialist in Educational Administration

One candidate

Terry Lee Russell, Shelby  
B.S.Ed. (Ohio University); M.A.  
(Western Reserve University)

## Master of Accounting

Three candidates

Suleiman Othman Abusubba,  
Amman, Jordan  
B.Com. (Ain Shams University,  
Egypt)  
*Field of Specialization:* Accounting

Stuart Harvey Kaplow,  
University Heights  
B.A.  
*Field of Specialization:* Accounting

Alan Tunis Lord, Columbus  
B.S.Bus.Adm., M.A.  
*Field of Specialization:* Accounting

## Master of Architecture

Two candidates

Tzih Lin, Bangkok, Thailand  
B.A. (Tunghai University)  
*Field of Specialization:* Architecture

Yicheng Egan Lin,  
Kaohsiung, Taiwan  
B.E. (Chung Yuan Christian College)  
*Field of Specialization:* Architecture

## Master of Arts

One hundred and twenty-one candidates

Arroyo Wilfredo Alequin,  
Maricao, Puerto Rico  
B.A. (University of Puerto Rico)  
*Field of Specialization:* Education

Charles Edward Alexander,  
Albany, Ga.  
B.S. (Albany State College)  
*Field of Specialization:* Physical  
Education

Edith Kroo Allouche, Hyattsville, Md.  
B.A.  
*Field of Specialization:* Education

Ronald Alan Ash, Columbus  
B.S.  
*Field of Specialization:* Psychology

David William Ball, Pickerington  
B.S.  
*Field of Specialization:* Public  
Administration

Steven Curtis Ballard, Galesburg, Ill.  
B.A. (University of Arizona)  
*Field of Specialization:* Political  
Science

Marian Zornow Berliner, Columbus  
A.B. (Stanford University)  
*Field of Specialization:* English

Jeffrey James Blaga, Cincinnati  
B.S.Ed.  
*Field of Specialization:* Education

Marie Welch Blake, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Lewis Bogaty, Englewood, N. J.  
B.A. (George Washington University)  
*Field of Specialization:* English

Mark Philip Bohlmann, Columbus  
B.A. (Miami University)  
*Field of Specialization:* Public  
Administration

Allen Ray Boyd, Jr., Columbus  
B.S.Ed. (Ohio University)  
*Field of Specialization:* Education

Edward Darrel Bozeman, III,  
Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Timothy Todd Brechbill, Canton  
B.A.  
*Field of Specialization:* Philosophy

James Bryant, III, Grove City, Pa.  
B.A. (University of Pittsburgh)  
*Field of Specialization:* Political  
Science

Clara Jahrling Bunk, Worthington  
B.A. (State University of New York  
at Albany)  
*Field of Specialization:* Education

Linda Baughman Burmeister,  
Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Ann Everal Callis, Louisville, Ky.  
B.A. (University of Louisville)  
*Field of Specialization:* Theatre

Dwayne Eugene Channell, Seneca  
B.S.Ed.  
*Field of Specialization:* Education

Joel Peter Chermonite, Columbus  
B.A.Ed. (University of Akron);  
M.Div. (Methodist Theological  
School)  
*Field of Specialization:* Education

Robert John Cirino, Euclid  
B.A. (John Carroll University)  
*Field of Specialization:* Education

Richard Everette Coldwell, Columbus  
B.A. (Otterbein College)  
*Field of Specialization:* Education

John Gwyn Cole, Springfield  
B.A. (Denison University)  
*Field of Specialization:* Journalism

Shirley Ann Klutts Cutler, Springfield  
B.Mus. (University of Rochester)  
*Field of Specialization:* Music

Jeanne Elizabeth Daniel, Tiffin  
B.Com.Sc. (Tiffin University)  
*Field of Specialization:* Education

William Richard Davies, III,  
Bay Village  
B.A. (Baldwin-Wallace College)  
*Field of Specialization:* Physical  
Education

Frederick Albert Day, Granville  
A.B. (Syracuse University)  
*Field of Specialization:* Geography

Anne Elizabeth Deam, Springfield  
B.A. (Wright State University)  
*Field of Specialization:* Romance  
Languages and Literatures

Marilyn Kay Eshelman,  
Council Bluffs, Ia.  
B.S. (Iowa State University)  
*Field of Specialization:* Psychology

Larry Eskridge, Shaker Heights  
B.A.  
*Field of Specialization:* Education

Darlene S. Eubanks,  
Chattanooga, Tenn.  
B.S. (Tennessee State University)  
*Field of Specialization:* English

Nathaniel E. Fitz, Columbus  
B.S. (Florida Agricultural and  
Mechanical University)  
*Field of Specialization:* Education

Donna Lee Fitzpatrick, Columbus  
B.S. (University of Florida)  
*Field of Specialization:* Communication

Glenndalyn Ord Fradd,  
West Jefferson  
A.B.Ed. (Glenville State College)  
*Field of Specialization:* Education

David Kerwin Frank, Covington  
B.A. (Miami University)  
*Field of Specialization:* Public Administration

Donatella Vigo Glod, Columbus  
B.A.  
*Field of Specialization:* Romance Languages and Literatures

George Daniel Goehring, Jr., Dayton  
B.S. (Wright State University)  
*Field of Specialization:* Philosophy

Joel Irwin Gottlieb, Brooklyn, N. Y.  
B.A. (Queens College)  
*Field of Specialization:* Public Administration

Margaret Ellen Griffiths, Pomeroy  
B.S. in Educ. (Kent State University)  
*Field of Specialization:* Education

Richard George Grumney, Galena  
B.S. in B.A. (Bowling Green State University)  
*Field of Specialization:* Public Administration

Chiang-Ning Lucy Han,  
Tainan, Taiwan  
B.A. (National Taiwan University)  
*Field of Specialization:* East Asian Languages and Literatures

John In Ling Han, Chiayi, Taiwan  
B.A. (National Cheng Chi University)  
*Field of Specialization:* Journalism

Randall Jay Hart, Willoughby  
B.S.Ed.  
*Field of Specialization:* Education

Arnold Michael Hartstein,  
Brooklyn, N. Y.  
B.A. (Brooklyn College)  
*Field of Specialization:* English

Sally Huey Hess, Columbus  
A.B. (West Virginia University)  
*Field of Specialization:* English

David Michael Holt, Sharon, Pa.  
B.A. (University of Rochester)  
*Field of Specialization:* Philosophy

Marsha McMurry Howell, Columbus  
B.A. (Mount Union College)  
*Field of Specialization:* Education

Paul Howard Hysell, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Oguguo M. B. Igwe, New York, N. Y.  
B.A. (University of Nigeria)  
*Field of Specialization:* Physical Education (Health Education)

Lana Lee Livezey Irvin, Columbus  
B.A. (Purdue University)  
*Field of Specialization:* Education

Robert Marshall Jones, Columbus  
B.S.Ed.  
*Field of Specialization:* Physical Education (Health Education)

Elizabeth McKenzie Keller,  
Grove City  
B.A. (Grove City College, Pennsylvania)  
*Field of Specialization:* Education

Kathleen Agnes Kelly, Akron  
B.A. (Saint Mary's College, Indiana)  
*Field of Specialization:* English

Marilyn Adrian Kirschen,  
Glenwood, Ill.  
A.B. (University of Illinois)  
*Field of Specialization:* History

Tahlman Krumm, Jr., Columbus  
B.A.; B.A. (University of Southern Florida)  
*Field of Specialization:* Journalism

Peggy Shu Chin Lee,  
Kaohsiung, Taiwan  
B.A. (State University of New York at Binghamton)  
*Field of Specialization:* Art

Jean Willis LeLoup, Columbus  
B.A. (Wittenberg University)  
*Field of Specialization:* Romance Languages and Literatures

Richard Jay Levin, South Euclid  
A.B. (Washington University)  
*Field of Specialization:* Economics

Todd Vernon Lewis, Fullerton, Calif.  
B.A. (Biola College)  
*Field of Specialization:* Communication

Betty Carol Lightfoot, Hilliard  
B.S.Ed.  
*Field of Specialization:* Education

Barbara Koch Lindamood, Columbus  
B.A. (Mount Union College)  
*Field of Specialization:* Education

Mark Eric Lunsford, Columbus  
B.Mus.Ed.  
*Field of Specialization:* Music

Stephen Clarence Lunsford,  
Orlando, Fla.  
B.A. (Florida Presbyterian College)  
*Field of Specialization:* Philosophy

Mark Marion Lutz, Minerva  
B.A.  
*Field of Specialization:* Political Science

Edward Dennis Makruski, Columbus  
B.A.  
*Field of Specialization:* Philosophy

Dorothy Ann Martin, Columbus  
B.S.Ed. (West Virginia State College)  
*Field of Specialization:* Education

Carole Williams Mauney, Columbus  
B.A. (Lenoir-Rhyne College)  
*Field of Specialization:* Education

Alan Brent McConkie, Columbus  
B.A. (University of Utah)  
*Field of Specialization:* Psychology

Nancy Lou McConnell, Mansfield  
B.S. (Ashland College)  
*Field of Specialization:* Education

Marticia Day McFarren, Columbus  
B.S.Ed. (Otterbein College)  
*Field of Specialization:* Education

Harry Kenneth McLaughlin,  
Sandusky  
B.S. (Pennsylvania State University)  
*Field of Specialization:* Education

Roseanne Rini Mullen,  
Cleveland Heights  
B.S.Ed. (Cleveland State University)  
*Field of Specialization:* English

Fatma Esen Mutluay, Waco, Tex.  
B.A. (Robert College, Turkey);  
M.S. (Baylor University)  
*Field of Specialization:* Economics

Mary Kotatis Nearhood, Ashland  
B.A. (Ashland College)  
*Field of Specialization:* Classics

Marlene Landau Neiman, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Lillian White Niese, Mt. Gilcad  
R.S.Ed. (Bowling Green State  
University)

*Field of Specialization: Education*

Ronald Elliot Nusenoff,  
Worcester, Mass.

A.B. (Cornell University)

*Field of Specialization: Philosophy*

Alicia Ortega, Dayton  
B.A. (Wright State University)

*Field of Specialization: Romance  
Languages and Literatures*

Richard Gabriel Palacios,  
San Francisco, Calif.

B.A. (Saint Mary's College of  
California)

*Field of Specialization: Romance  
Languages and Literatures*

Roy Elbert Palmer, Jr., Logan  
R.A. (Otterbein College)

*Field of Specialization: Education*

Eugene Philip Parker, Columbus  
B.A.

*Field of Specialization: Philosophy*

David James Parks, Kirtland  
B.A. (Cleveland State University)

*Field of Specialization: Business  
Administration*

Timothy James Perri,  
Winchester, Ky.

B.S. (University of Kentucky)

*Field of Specialization: Economics*

Joan Ramme Petersilia,  
Pacific Palisades, Calif.

B.A. (Loyola University)

*Field of Specialization: Sociology*

Judith Mayer Pfaltzgraf, Columbus  
B.S.Ed. (Wittenberg University)

*Field of Specialization: Education*

Ann Peters Phillips, Ashville  
B.S. (Miami University)

*Field of Specialization:  
Communication*

Goldie Woodyard Plank, Columbus  
B.S.Ed.

*Field of Specialization: Education*

Peter Michael Pope, Spokane, Wash.  
B.A. (University of Washington)

*Field of Specialization: English*

Carol Jean Poppe, New Bremen  
B.S.Ed.

*Field of Specialization:  
Communication*

Dorothy J. Carter Purviance,  
Westerville  
B.S.Soc.Wel.

*Field of Specialization: Education*

Hal Griffin Rainey, Lexington, Ky.  
B.A. (University of North Carolina)

*Field of Specialization: Psychology*

Sheila Belle Rowlette, Petersburg, Va.  
B.A. (Virginia State College)

*Field of Specialization: Political  
Science*

Susan Elaine Rowley, Columbus  
B.S.Ed.

*Field of Specialization: Education*

Karen Ann Russell, Columbus  
R.S.Ed.

*Field of Specialization: Education*

John Walter Scharer, Marion  
B.S.Ed. (Ohio Northern University)

*Field of Specialization: Education*

Jeffrey Alan Schwamberger,  
Louisville, Ky.

B.A. (University of Dayton)

*Field of Specialization: Theatre*

Jack Howard Schwarz, Bayside, N. Y.  
B.A. (Queens College)

*Field of Specialization: English*

Harry Searles, Columbus  
B.S.Ed.

*Field of Specialization: Education*

Paul Simon Shaker, Orrville  
B.A.

*Field of Specialization: Education*

Gregory Monroe Shreve,  
Hilton Head Island, S. C.

B.A.

*Field of Specialization: Anthropology*

Berlin Edward Snyder, III,  
Philippi, W. Va.

A.B. (West Virginia University)

*Field of Specialization: Economics*

Senra Somersan, New York, N. Y.  
B.A. (Robert College, Turkey)

*Field of Specialization: Psychology*

Norman Joseph Spitzig, Jr.,  
Cincinnati

A.B. (Boston College)

*Field of Specialization: Philosophy*

Paul Stann, Sunnyvale, Calif.  
B.A. (Alliance College)

*Field of Specialization: Slavic  
Languages and Literatures*

Rozanne Spigner Stern, Columbus  
R.A. (State University of New York  
at Buffalo)

*Field of Specialization: Education*

Marie Lucile Stoen, Wooster  
B.S.Ed., B.A.

*Field of Specialization: Education*

Robert Adair Stough,  
Somerville, Mass.

B.A. (University of Toledo)

*Field of Specialization: Philosophy*

Linda Smith Stowell, Poway, Calif.  
B.A. (University of California,  
Santa Cruz)

*Field of Specialization: Anthropology*

Gary Franklin Suttles, Columbus  
B.A.

*Field of Specialization: Public  
Administration*

Harry James Swearingen, Columbus  
B.A. (College of Steubenville)

*Field of Specialization: Education*

Jacqueline Nancy Taylor, Marion  
B.S.Ed.

*Field of Specialization: Education*

Virginia Ruth Thompson, Columbus  
B.S.Ed. (Miami University)

*Field of Specialization: Education*

Brent Wayne Todd, Ogden, Utah  
B.A. (Weber State College)

*Field of Specialization: English*

Joseph Thomas Tolliver, Akron  
B.A.

*Field of Specialization: Philosophy*

David Eugene Wagner, Columbus  
B.A.

*Field of Specialization: East Asian  
Languages and Literatures*

Patricia McClellan Waller, Columbus  
B.A. (Michigan State University)

*Field of Specialization: Education*

Jennings Allen Ward, Columbus  
B.S.Ed.

*Field of Specialization: Education*

Robert Edwin Wayland, Columbus  
B.S.Bus.Adm.

*Field of Specialization: Economics*

Marian Frances Weiss,  
University Heights

R.Ed. (University of Toledo)

*Field of Specialization: Education*

Joel Robert Wish, Columbus  
B.A. (Alfred University)

*Field of Specialization: Psychology*

Susanne Marie Wrhen, Columbus  
B.S.Ed. (Otterbein College)

*Field of Specialization: Education*

## Master of Business Administration

Twenty-one candidates

John Russell Bishop, Zanesville  
B.S.M.E.  
*Field of Specialization:* Business Administration

Washington D. Caldwell, Jr.,  
Middletown  
B.S. in B.A. (Sacramento State College)  
*Field of Specialization:* Business Administration

Barry William Cole, Columbus  
B.S.Bus.Adm.  
*Field of Specialization:* Business Administration

Leonard Ronald Copeland, Cincinnati  
B.S. (Central State College)  
*Field of Specialization:* Business Administration

Robert Jack Crall, Columbus  
B.E.E.  
*Field of Specialization:* Business Administration

Jeffrey Alan Davidson, Tiffin  
B.A. (Ohio Northern University)  
*Field of Specialization:* Business Administration

Keith Alan Dunnigan, Westerville  
B.Ch.E.  
*Field of Specialization:* Business Administration

Stephen Evans Dutton, Mansfield  
B.A. (Ohio Wesleyan University)  
*Field of Specialization:* Business Administration

Rodney Keith Evans, Columbus  
B.S.Bus.Adm.  
*Field of Specialization:* Business Administration

Gregory Nicholas Geaman, Warren  
B.W.E.  
*Field of Specialization:* Business Administration

William Hardy Giffen, Chagrin Falls  
B.A. (Allegheny College)  
*Field of Specialization:* Business Administration

Jay Charles Juliussen, Columbus  
B.A., B.S.Ed.  
*Field of Specialization:* Business Administration

Donald Albert Kadunc, Euclid  
B.M.E., M.S., M.S.  
*Field of Specialization:* Business Administration

Mark Allen Lettes, West Haven, Conn.  
B.S. (University of Connecticut)  
*Field of Specialization:* Business Administration

Delbert Joseph Mack, Amherst  
B.S. (United States Merchant Marine Academy)  
*Field of Specialization:* Business Administration

Douglas J. Niemeyer, Sidney  
B.M.E., M.S.  
*Field of Specialization:* Business Administration

Craig Weston Robb, Columbus  
B.E.E.  
*Field of Specialization:* Business Administration

Terry Vincent Sherburn, Columbus  
B.M.E.  
*Field of Specialization:* Business Administration

Donald Leo Simcox, Columbus  
B.S.Bus.Adm.  
*Field of Specialization:* Business Administration

Charles B. Sweeney, Jr., Columbus  
B.A. (Hiram College)  
*Field of Specialization:* Business Administration

William David Wood, Columbus  
B.C.E.  
*Field of Specialization:* Business Administration

## Master of City Planning

Fifteen candidates

Richard Charles Bernhardt,  
Nashville, Tenn.  
B.S. (Auburn University)  
*Field of Specialization:* City and Regional Planning

James David Cool, Marshall, Minn.  
B.A. (University of Minneapolis)  
*Field of Specialization:* City and Regional Planning

Thomas James Dearing,  
Williamsville, N. Y.  
B.A. (Canisius College)  
*Field of Specialization:* City and Regional Planning

Peggy Lou Drake, Pittsburgh, Pa.  
B.A. (College of William and Mary)  
*Field of Specialization:* City and Regional Planning

Paul Howard Goesling,  
Milwaukee, Wis.  
B.S. (University of Wisconsin)  
*Field of Specialization:* City and Regional Planning

William Leroy Hart, Oberlin  
A.B. (Oberlin College)  
*Field of Specialization:* City and Regional Planning

Thomas James Lando, Willows, Calif.  
B.A. (University of the Pacific);  
M.A.  
*Field of Specialization:* City and Regional Planning

Bruce Alden Langner, Columbus  
B.A. (Wittenberg University)  
*Field of Specialization:* City and Regional Planning

Frank Edward Lucician,  
Maple Heights  
B.A. (Gannon College)  
*Field of Specialization:* City and Regional Planning

Craig Bien Mahlman, Columbus  
A.B. (Grove City College, Pennsylvania)  
*Field of Specialization:* City and Regional Planning

Samuel Andrew Mutch, Columbus  
B.A. (Marietta College)  
*Field of Specialization:* City and Regional Planning

Benoit Joseph Poisson, Jr., Columbus  
B.A. (Fairfield University)  
*Field of Specialization:* City and Regional Planning

Charles Edwin Regele, Columbus  
B.A. (Wheeling College)  
*Field of Specialization:* City and Regional Planning

Steven Marc Salomon, Columbus  
B.S.C.E. (University of Cincinnati)  
*Field of Specialization:* City and Regional Planning

Richard Edward Wollmershauser,  
Cincinnati  
B.S.E. (Princeton University);  
M.B.A. (Xavier University)  
*Field of Specialization:* City and Regional Planning

## Master of Fine Arts

Three candidates

Betty Hebden Collings, Columbus  
B.F.A.

*Field of Specialization:* Art

Walter Alexander Didur,  
Parsippany, N. J.  
A.B. (Wilmington College)

*Field of Specialization:* Art

Jane Warnock Finneran, Worthington  
B.F.A.

*Field of Specialization:* Art

## Master of Music

One candidate

Bodil Gjodvad Frolund, Westerville

*Field of Specialization:* Music

## Master of Public Administration

One candidate

Leonard Franklin Blanton,  
Lakewood, Calif.

B.S. (Berea College)

*Field of Specialization:* Public  
Administration

## Master of Science

One hundred and thirty-one candidates

Oladipo Kokumo Akinkuolie,  
Ondo, Nigeria

B.S. (University of Ibadan)

*Field of Specialization:* Poultry  
Science

Kathleen Foreman Austin,  
Oak Harbor  
B.S.H.E.

*Field of Specialization:* Home  
Economics

Steven Ralph Bartels, Hamilton

B.S. (Wilmington College)

*Field of Specialization:* Agricultural  
Education

Samuel Jerome Basham, Jr., Columbus  
B.S. in M.E. (University of  
Kentucky)

*Field of Specialization:* Nuclear  
Engineering

Richard Irwin Baum, Brooklyn, N. Y.  
B.S. (Cornell University)

*Field of Specialization:* Computer and  
Information Science

Richard Alan Berthiaume,  
Hialeah, Fla.

B.S. (United States Air Force  
Academy)

*Field of Specialization:* Physics

Dietrich Nelson Bieser, Dayton  
R.S.

*Field of Specialization:* Natural  
Resources

David Scott Birsa, Columbus

B.S.

*Field of Specialization:* Geology and  
Mineralogy

Douglas Lee Blair, Columbus

B.S.C.I.S.

*Field of Specialization:* Computer and  
Information Science

Daniel E. Blickenstaff, Columbus

B.S.

*Field of Specialization:* Zoology

Stephen Arnold Boeder, Lima

B.S.Agr.

*Field of Specialization:* Natural  
Resources

James Albert Booth, Chillicothe  
B.S., M.S. (Bowling Green State  
University)

*Field of Specialization:* Nuclear  
Engineering

William Urban Borger, St. Henry

B.S. (Indiana Institute of

Technology)

*Field of Specialization:* Electrical  
Engineering

Michael Alan Borland, Chillicothe

B.G.S. (Ohio University)

*Field of Specialization:* Natural  
Resources

Barry John Brinkman, Worthington

B.S. (University of Notre Dame)

*Field of Specialization:* Computer and  
Information Science

Mary Frances Brunner, Louisville

B.S.

*Field of Specialization:* Zoology

Dennis Wayne Burdette,

Richmond, Ind.

B.S.I.E. (Purdue University)

*Field of Specialization:* Industrial and  
Systems Engineering

Sister Mary Paul Buser, Salina, Kan.

A.B. (Marymount College); A.M.,

Ph.D. (Saint Louis University)

*Field of Specialization:* Computer and  
Information Science

Lee Mark Butler, Columbus

B.A., D.D.S.

*Field of Specialization:* Dentistry

David Clinton Carr, Columbus

B.S. (Michigan State University)

*Field of Specialization:* Electrical  
Engineering

Yi-Way Chang, Taipei, Taiwan

B.S. (National Taiwan University)

*Field of Specialization:* Horticulture

Hsiang-Chun Sylvia Chen,  
Taipei, Taiwan

B.S. (National Taiwan University)

*Field of Specialization:* Entomology

Gerald Lee Cook, Vermont, Ill.

B.S. (United States Air Force

Academy)

*Field of Specialization:* Physics

Teryl Timothy Craig, Ripley

B.S.A.A.E.

*Field of Specialization:* Mechanical  
Engineering

Raul Gonzalo Cuero, Tiffin

B.A. (Universidad de Valle,

Colombia); B.S. (Heidelberg College)

*Field of Specialization:* Plant  
Pathology

Sandra Heasley Czajka, Mansfield

B.A. (Ohio Wesleyan University)

*Field of Specialization:* Chemistry

Keith Donner Davis, Columbus

D.D.S. (Loyola University, Illinois)

*Field of Specialization:* Dentistry

Robert Henry Doeringer, South Euclid

B.S.

*Field of Specialization:* Microbiology

Harry Elliott Downs, Jr., Newark

B.S. (Memphis State University)

*Field of Specialization:* Computer and  
Information Science

Carolyn Summers Edwards,  
Long Beach, Calif.

B.A. (California State College)

*Field of Specialization:* Home  
Economics

Mamdouh Ayad El-Maraghy,  
Cairo, Egypt

B.C.E. (Cairo University)

*Field of Specialization:* Civil  
Engineering

Kamran Firooz, Baton Rouge, La.

B.S. (Louisiana State University)

*Field of Specialization:* Electrical  
Engineering

Wilbur Francis Forester, Jr.,  
East Liverpool  
B.S.E.E. (University of Cincinnati)  
*Field of Specialization: Statistics*

John Dean Freund, Mansfield  
B.S.Ed.  
*Field of Specialization: Natural Resources*

Marcia Leigh Friedrich,  
Milwaukee, Wis.  
B.A. (University of Wisconsin)  
*Field of Specialization: Anatomy*

Richard Wesley Garvin, Kenton  
B.S.  
*Field of Specialization: Physics*

Sharon Louise Garvin,  
Philadelphia, Pa.  
B.S. (Morgan State College)  
*Field of Specialization: Allied Medical Professions*

Rita Diane Gasser, Columbus  
B.S.H.E.  
*Field of Specialization: Home Economics*

Rita Renee Gerber, Westerville  
B.S.  
*Field of Specialization: Preventive Medicine*

Bhupinder Kumar Girdhar,  
Dehra Dun, India  
B.Sc. (Punjab University)  
*Field of Specialization: Food Science and Nutrition*

Paul Mark Guttman, Huntsville, Ala.  
B.S. (United States Air Force Academy)  
*Field of Specialization: Physics*

Robert James Harmon, Columbus  
B.S.Agr.  
*Field of Specialization: Dairy Science*

Bill R. Haynes, Columbus  
B.S.Agr.  
*Field of Specialization: Animal Science*

Alfred Louis Heller, Columbus  
D.D.S.  
*Field of Specialization: Dentistry*

Allen Rogers Hess, Dayton  
B.A. (College of William and Mary)  
*Field of Specialization: Natural Resources*

Myrta Jean Dorn Hovland,  
South Solon  
B.S.H.E.  
*Field of Specialization: Home Economics*

Patricia Agnes Hrutkay,  
Shaker Heights  
B.S. (University of Northern Colorado)  
*Field of Specialization: Nursing*

Paul George Jakob, Columbus  
B.S.  
*Field of Specialization: Geology and Mineralogy*

David Paul Johnson, Columbus  
B.S.  
*Field of Specialization: Natural Resources*

Ali Hussein Kanoun,  
Tripoli, Libya  
B.S. (University of Libya)  
*Field of Specialization: Poultry Science*

Bernhard Albert Kats,  
Jerusalem, Israel  
Diploma (State University of Leiden, Holland)  
*Field of Specialization: Preventive Medicine*

Bruce Clifton Kelley, Columbus  
B.A.  
*Field of Specialization: Preventive Medicine*

Kevin Anthony Kelly, Ossining, N. Y.  
B.S. (University of Notre Dame);  
M.S. (Yale University)  
*Field of Specialization: Nuclear Engineering*

Michael Lee Killian, Hicksville  
B.S.W.E.  
*Field of Specialization: Welding Engineering*

Hai-Ping Ko, Taipei, Taiwan  
B.S. (National Taiwan University)  
*Field of Specialization: Mathematics*

James Elwood Kohl, Columbus  
B.S. (Muskingum College)  
*Field of Specialization: Physics*

Barbara Kiner Komives, Columbus  
Cert.Grad.Dent.Hyg., B.S.Ed.  
*Field of Specialization: Allied Medical Professions*

Ibrahim Cihan Koru, Istanbul, Turkey  
Engr. Agronomy (Ege University, Turkey)  
*Field of Specialization: Horticulture*

Mahendra Mohanlal Kothari,  
Ahmedabad, India  
B.E.M., B.E.E., M.E. (Gujarat University)  
*Field of Specialization: Electrical Engineering*

David Joel Kotker, Worthington  
B.S. (Boston University)  
*Field of Specialization: Aeronautical and Astronautical Engineering*

Jeanne Marie Krupko, McDonald  
B.S.Ed.  
*Field of Specialization: Zoology*

Robert Walter Lahmers,  
Newcomerstown  
B.S.Agr.  
*Field of Specialization: Agricultural Education*

Timothy Kuipun Lai, Hong Kong  
B.S.E.E. (University of Tennessee)  
*Field of Specialization: Electrical Engineering*

Hing-Fai Lee, Kowloon, Hong Kong  
B.Sc. (California State Polytechnic College)  
*Field of Specialization: Electrical Engineering*

Chun Liang Lin, Taichung, Taiwan  
B.S. (Fu Jen Catholic University)  
*Field of Specialization: Physics*

Timothy John Long, Marysville  
B.A., B.S.Ed. (University of Cincinnati)  
*Field of Specialization: Computer and Information Science*

Chi-Houng Eddie Lu, Taipei, Taiwan  
B.S. (National Taiwan University)  
*Field of Specialization: Industrial and Systems Engineering*

Michael Stephen Luther, Columbus  
B.S.C.E.  
*Field of Specialization: Civil Engineering*

Ian Leslie Madden, Columbus  
B.S. (University of Illinois)  
*Field of Specialization: Chemistry*

Vaughn Jeffrey Mantor, Columbus  
B.S.Ed.  
*Field of Specialization: Computer and Information Science*

George Gerald Marburger, Jr.,  
Delaware  
B.S. (United States Naval Academy)  
*Field of Specialization: Geodetic Science*

Alexander Elichilia Mboya,  
Moshi, Tanzania  
B.Sc. in Eng. (University of Nairobi)  
*Field of Specialization: Civil Engineering*

Paul Francis McManamon, Fairborn  
B.S. (John Carroll University)  
*Field of Specialization: Physics*

John Charles Merritt, Jr.,  
Bangor, Maine  
B.S. (University of Maine)  
*Field of Specialization:* Nuclear  
Engineering

Anthony Louis Mescher, Celina  
B.S. (Saint Joseph's College, Indiana)  
*Field of Specialization:* Zoology

Bruce Allen Miller, Massillon  
B.S.C.E.  
*Field of Specialization:* Civil  
Engineering

Charles Joseph Murnane, Galloway  
B.S.E.E.  
*Field of Specialization:* Electrical  
Engineering

Carole Wendy Myer, Columbus  
D.V.M. (Cornell University)  
*Field of Specialization:* Veterinary  
Clinical Sciences

Michael Edward Nagle, Portsmouth  
B.S.M.E. (Ohio University)  
*Field of Specialization:* Mechanical  
Engineering

Ronald Ellis Nassar, Columbus  
D.D.S.  
*Field of Specialization:* Dentistry

Thomas Harry Newhouse,  
Sissonville, W. Va.  
B.S.E.E. (West Virginia Institute of  
Technology)  
*Field of Specialization:* Electrical  
Engineering

Stephen Roger Nixon, Lebanon  
B.S.Agr.  
*Field of Specialization:* Animal  
Science

Charles Gordon Noll,  
Northumberland, Pa.  
B.A. (Bloomsburg State College)  
*Field of Specialization:* Physics

Harold Gene Oyster, Mansfield  
B.S.E.E. (Ohio University)  
*Field of Specialization:* Electrical  
Engineering

Surat Palalikit, Bangkok, Thailand  
B.S. (Mahidol University)  
*Field of Specialization:* Chemistry

Dennis Raymond Pandey, Elyria  
B.M.E.  
*Field of Specialization:* Mechanical  
Engineering

Ronald Willis Parker, Chicago, Ill.  
B.S.Math. (Western Illinois  
University)  
*Field of Specialization:* Computer and  
Information Science

Thomas Dickson Pretlow,  
Virginia Beach, Va.  
B.S. (North Carolina State University  
at Raleigh)  
*Field of Specialization:* Horticulture

Elizabeth Szyszkowski Puchala,  
Heath  
B.A. (Muskingum College)  
*Field of Specialization:* Zoology

\*Blake Eugene Rafeld, Ashland  
*Field of Specialization:* Horticulture

Mehemmed Shamis Rahal,  
Washington, D. C.  
B.S. (University of Libya)  
*Field of Specialization:* Animal  
Science

Ramesh Shandas Ramchandani,  
Bombay, India  
B.S.M.E. (Banaras Hindu  
University)  
*Field of Specialization:* Mechanical  
Engineering

John Charles Reindl, Dayton  
B.Ch.E. (University of Dayton)  
*Field of Specialization:* Chemical  
Engineering

Larry Alan Roberts, Kettering  
B.S. (University of Missouri)  
*Field of Specialization:* Aeronautical  
and Astronautical Engineering

David Leo Roush, Columbus  
B.S.  
*Field of Specialization:* Microbiology

Ronald Lee Saunders, Stillwater, Okla.  
B.S. (University of Oklahoma) ; M.S.  
(Oklahoma State University of  
Agriculture and Applied Science)  
*Field of Specialization:* Computer and  
Information Science

Charles William Schwegman,  
Cincinnati  
B.S.E.E. (University of Cincinnati)  
*Field of Specialization:* Electrical  
Engineering

Yan-Chi Shi, Taipei, Taiwan  
B.Sc. (National Taiwan Normal  
University)  
*Field of Specialization:* Physics

Lin-Gen David Shih, Hsinchu, Taiwan  
B.E. (Chung Yan Christian College)  
*Field of Specialization:* Industrial and  
Systems Engineering

Robert Barry Shuman, Cincinnati  
B.S.  
*Field of Specialization:* Computer and  
Information Science

Michael Dan Simmons, Columbus  
D.D.S. (Northwestern University)  
*Field of Specialization:* Dentistry

Thomas Wayne Slemmer,  
Upper Sandusky  
B.S.Agr.  
*Field of Specialization:* Natural  
Resources

Steven Dennis Slifko, Columbus  
B.S.I.E.  
*Field of Specialization:* Computer and  
Information Science

Charles Richard Smith, Lancaster  
B.S.Agr.  
*Field of Specialization:* Animal  
Science

Augusto César de Monteiro Soares,  
Fortaleza, Brazil  
B.S. (University of Ceara, Brazil)  
*Field of Specialization:* Agricultural  
Economics and Rural Sociology

Liviu I. Sofonea, Bucharest, Rumania  
B. Computers (University of  
Bucharest)  
*Field of Specialization:* Computer and  
Information Science

John Paul Sponseller, Columbus  
B.Ch.E.  
*Field of Specialization:* Chemical  
Engineering

William Shores Stalcup, Winfield, Ala.  
B.S. (Birmingham Southern College)  
*Field of Specialization:* Computer and  
Information Science

Charles Frederick Strong, Jr.,  
Framingham, Mass.  
B.S. (University of Massachusetts)  
*Field of Specialization:* Poultry  
Science

Piyush Swami, Hapur, India  
B.S. (Agra University) ; B.Ed.  
(Rajasthan University) ; M.Ed.  
(Western Washington State College)  
*Field of Specialization:* Botany

Nabil Issa Sweis, Amman, Jordan  
B.A., M.A. (Cambridge University,  
England)  
*Field of Specialization:* Civil  
Engineering

\* Also Bachelor of Science in Agriculture,  
College of Agriculture and Home Economics

Judith Brandon Swinehart,  
New Lexington  
B.S. (Capital University)  
*Field of Specialization: Nursing*

James Paul Tobin, Warren  
B.S.Agr.  
*Field of Specialization: Dairy Science*

Hugh Byer Trimble, III, Dayton  
B.S.Agr.  
*Field of Specialization: Natural Resources*

Tsang Lin Tsin, Kowloon, Hong Kong  
B.S. (Southern Oregon College)  
*Field of Specialization: Physics*

Chao-An Tu, Jackson Heights, N. Y.  
B.S.E. (Taiwan Cheng Kung University, Taiwan); M.S. (Fairleigh Dickinson University)  
*Field of Specialization: Engineering Mechanics*

Vichate Ungvichian,  
Bangkok, Thailand  
B.Eng. (Khonkaen University)  
*Field of Specialization: Electrical Engineering*

Robert David Vincent, South Euclid  
A.B. (Washington University)  
*Field of Specialization: Zoology*

Lynda Peatross Wager, Cincinnati  
B.S.H.Ec. (University of Cincinnati)  
*Field of Specialization: Allied Medical Professions*

Larry Edward Ward, Barnesville  
B.S.Agr.  
*Field of Specialization: Agricultural Economics and Rural Sociology*

Sister Clarann Weinert,  
Santa Fe, N. M.  
B.S.Nurs. (College of Mount Saint Joseph on the Ohio)  
*Field of Specialization: Nursing*

Martha Dalton Wells, Delaware  
B.S. (Alderson-Broadus College)  
*Field of Specialization: Pathology*

Brent Robert Wientjes, Westerville  
B.S.E.E.  
*Field of Specialization: Electrical Engineering*

Eugene Harry Williamson, Columbus  
B.S. (Heidelberg College); D.D.S.  
*Field of Specialization: Dentistry*

Ronnie David Willis, Columbus  
B.S.  
*Field of Specialization: Computer and Information Science*

Maleolm Donald Winter,  
Fresno, Calif.  
B.A. (University of California, Berkeley); B.S. (E.E.) (University of Colorado)  
*Field of Specialization: Industrial and Systems Engineering*

Mark Elmer Winterland, Dayton  
B.S.Agr.  
*Field of Specialization: Natural Resources*

Thomas Fleming Wyrick, Austin, Tex.  
B.A. (University of Texas)  
*Field of Specialization: Computer and Information Science*

Jeffrey Roland Wyvill, Avon Lake  
B.S.E.P.  
*Field of Specialization: Nuclear Engineering*

Chun-Kwan Kenneth Yee,  
Waterloo, Ia.  
B.A. (University of Northern Iowa)  
*Field of Specialization: Computer and Information Science*

Andrew Stephen Zolnay, Sandusky  
B.S. (Saint Joseph's College, Pennsylvania); B.S.Phys.; M.S. (Miami University)  
*Field of Specialization: Nuclear Engineering*



Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans: Franklin P. Kilpatrick  
Vice Provost for the Arts and Sciences: Thomas A. Willke

The Colleges of the Arts and Sciences, a federation of five colleges, includes:

College of The Arts

Dean: Lee Rigsby

College of Biological Sciences

Dean: Richard Bohning

College of Humanities

Dean: Arthur E. Adams

College of Mathematics and Physical Sciences

Dean: Colin B. B. Bull

College of Social and Behavioral Sciences

Dean: Franklin P. Kilpatrick

College of The Arts

Dean: Lee Rigsby

Bachelor of Arts

Thirteen candidates

Jeffery Jay Coulter, Zanesville  
Deborah Attridge Floyd, Cincinnati  
Margaret Lyn Gebhart, Fairborn  
Diane Marie Goellner, Concord  
Michael Ray Grimes, East Liverpool  
Jennifer Lee, Columbus  
Rita Jean Lewis, Chicago, Ill.  
Charles Edward Luce, Columbus  
Laura Lissa McKinney, Portsmouth  
Sue Ann Reiheld, Orrville  
Elaine Susan Saunders, Columbus  
Susan Jane Smith, Rochester, N. Y.  
Kevin Lynn Stayton, Sidney

Bachelor of Fine Arts

Fifteen candidates

Karen May Adams, Easthampton, Mass.  
B.A. (New College)  
Sue Ann Bender, Wickliffe  
Cathryn Roth Dini, Columbus  
David Earl Guinn, Medina  
Timothy O'Neil Hughes, Granville  
Diane Beth Jacobowitz, Princeton, N. J.  
Anne Bryan Kaser, Fairview Park  
Richard Holmes Laier, Columbus  
Mark William Miller, Westerville

Cynthia Ann Morse, Hudson  
Carl Mac Piatt, Ashley  
Randee Ellen Schottenstein, Columbus  
Susan Catherine Smith, Chesterland  
Catherine Marie Turocy, Chagrin Falls  
Christopher Webb Wintrich, Columbus

Bachelor of Music

Three candidates

Charles Iwanusa, Jr., Massillon  
Candace Bennett Lovell, Columbus  
Douglas Paul Starr, Mt. Vernon

Bachelor of Art Education

Offered jointly by the College of The Arts and the College of Education

Ten candidates

David Lewis Diedrich, Fremont  
William Fredrick Foster, Columbus  
Charles Phillip Gaffney, Miami, Fla.  
Carol Ebersole Henricks, Columbus  
Mark Alan Kreis, Marysville  
Patricia Counts Marino, Columbus  
Mary Margaret McCabe, Columbus  
Tina Marie Mutigli, Waynesburg  
Elizabeth Anne Van Balen, Columbus  
Deborah Ann Wilson, Bowling Green

Bachelor of Music Education

Offered jointly by the College of The Arts and the College of Education

Six candidates

Patricia Chapin Childers, Columbus  
Herschel Arnold Denner, Chillicothe  
Richard Lee Early, Toledo  
Jeffrey Martin Holtschulte, Columbus  
Martha Hughes Londergan, Columbus  
B.A. (Wellesley College)  
Nancy Christine Rafeld, Columbus

College of Biological Sciences

Dean: Richard H. Bohning

Bachelor of Arts

Eighteen candidates

Stephen Lee Bell, Columbus  
Hayes Ronald Berk, Youngstown

Thomas Michael Brennan, Columbus  
David Franklyn Crawford, Euclid  
Thomas Whitney Crosby, Mayfield Village  
John Patrick Cummings, Cincinnati  
David James Delnostro, Highland Heights  
Stephen Michael Fries, Columbus  
Raymond Bruce Hasson, Lima  
Daniel Lee Kessler, Columbus  
Charles Brian Lawton, Buffalo, N. Y.  
Joseph Thurston Leach, Columbus  
Robert Hugh Mabry, Jr., Columbus  
Dean R. Massey, Englewood, Colo.  
Mark Anthony Penn, Mt. Gilead  
Mark Christen Smith, Cincinnati  
Edward John Strittmatter, Jr., Cincinnati  
Klaus Heinz Wiesmann, Cincinnati  
B.S.E.E. (University of Cincinnati)

Bachelor of Science

Fifty-eight candidates

Susan Rae Baer, Youngstown  
Gregory Stephen Barger, Fairborn  
James William Bennett, Columbus  
Roman Roiwka, Lorain  
Lana Cheri Braun, Cridersville  
George Michael Bulkow, North Ridgeville  
Stephen Earl Buxser, Massillon  
Steven William Campbell, Cincinnati  
David William Caton, Lima  
Karl Vernon Clemons, Bryan  
Janice Louise Conrad, Akron  
Sherry Ann Cottle, Columbus  
Murtha Elizabeth Daw, Zanesville  
Norman William Delzeith, Dayton  
Dennis Engeler Driggs, Columbus  
Glenn Robert Edgcombe, Fairview Park  
Allison Smith Fulford, Columbus  
Nann Jeannette Garner, Dayton  
Randall Edward Gates, Columbus  
Robert Earl Gaylor, Columbus  
James Paul Girves, Columbus  
John Carl Grote, Cheviot  
Patricia Lea Hallauer, Toledo  
Francis John Hiadek, Ashtabula  
Mark David Holmes, Westlake  
John Marc Holser, Columbus  
Ruth Cook Hunley, Columbus  
Leila Susan Jacobs, Broadview Heights  
Andrew Michael Kaebmarik, Parma  
Edward Francis Kenney, Columbus

Jack Dennis King, Mansfield  
 Daniel Henry Klos, Bellaire  
 Richard Russell Kneisley, Dayton  
 Robert Edward Kneisley, Dayton  
 Charles Victor Knueve, Wapakoneta  
 John William Kuhn, Dublin  
 Robin Joan Landefeld, Massillon  
 Mark Charles Langenderfer, Swanton  
 Darrell Lynn Laughlin, Columbus  
 Mark David Lazar, Worthington  
 Deborah June Longley, Akron  
 Kevin Michael McGaharan, Sherwood  
 Stephen Harcourt McLemore,  
 Columbus  
 Chris Roshon Miller, Columbus  
 Marlene Woolun Monnett, Columbus  
 Myron Emmett Moody,  
 Mingo Junction  
 Karl Martin Mueller, Shelby  
 Stephen Anthony Murray, Columbus  
 Susan Stranahan Parker, Columbus  
 Stephen Kent Powers, Columbus  
 Dale Edward Reno, Washington C. H.  
 Larry Keith Ritzhaupt, Galion  
 Eric Bruce Stein, Steubenville  
 John Evans Stevenson, Columbus  
 Allan Wayne Stoner, West Unity  
 Susan Lynn Sweeney, Broomall, Pa.  
 Thomas Arlen Wagner, Fostoria  
 Richard Rudi Webel, Mansfield

## College of Humanities

Dean: Arthur E. Adams

### Bachelor of Arts

Sixty-four candidates

Stephen Lewis Altman, Belleville, Ill.  
 Steven Barry Barbash, Columbus  
 Julia Mary Basbagill, Columbus  
 Heather Ann Beatty, Canton  
 Linda Joy Benson, Fair Haven, N. J.  
 Robert James Brancatelli,  
 Parma Heights  
 Leslie Avery Chittenden, Columbus  
 Thomas Alan Cordell, Worthington  
 Robert David DeAnthony, Columbus  
 Fernande Bella Douek, Columbus  
 Daryl Leo Drobnic, Columbus  
 Ronald Dennis Edwards, Columbus  
 Mark Williams Gilson, Columbus  
 Sheldon Gerald Gordon, Cleveland

Loree Ellen Green, South Euclid  
 Martha Clare Hablitzel, Port Clinton  
 Reinhard Hagenhofer, Northfield  
 Hal Michael Hare, Columbus  
 John Bruce Hegenberger, Columbus  
 Diane Elizabeth Heisel, Dayton  
 Mary Kathryn Hennessy, Pomeroy  
 Ronald Scott Hightshoe, Columbus  
 Deborah Ann Hill, Avon Lake  
 Karl Ray Hiltner, Dover  
 Cathy Coffman Howard, Waynesville  
 William Michael Howard, Beachwood  
 Joseph Richard Hunger, Columbus  
 Marylou Janotta, Columbus  
 Richard Campbell Jenkinson,  
 York, Pa.

Charles Joseph Johnson, Galloway  
 Deborah Sue Johnson, Dayton  
 Linda Elise Kalette, Syracuse, N. Y.  
 Jane Stefani Kasdan,  
 Rockville Centre, N. Y.

Darryl C. Lindsey, Columbus  
 Karen Sue Loudenback, Urbana  
 Douglas Robert Magnant, Columbus  
 Ellen Beth Marks, South Euclid  
 Don Wesley Martin, Worthington  
 John Gary Matchison, Lorain  
 John Jared McClintock, Columbus  
 Richard Anthony Meyer, Centerville  
 Janice Louise Molnar, Columbus  
 Glenn Edwin Morrical, Columbus  
 Paddy Jill Morse, Columbus  
 Michael David Mosure, Columbus  
 Jeanne Marie Nicolette, Leetonia  
 Patrick Joseph O'Farrell, Columbus  
 Susan Elizabeth Parsons,  
 Worthington

Philip Realmuto, Brooklyn, N. Y.  
 Dinu M. Rehner, Columbus  
 Carmine Anthony Romano, Cleveland  
 John Michael Schluep, Hilliard  
 Loretta Johnson Smith, Columbus  
 Diana Jane Snyder, Columbus  
 William Stewart Snyder,  
 South Zanesville

Roger Stern, Cleveland Heights  
 Colette Giles Tennant, Columbus  
 Beverly Kay Thompson, Columbus  
 Sharon Anne Tubbs, Montpelier  
 Michael Robert Urban, Painesville  
 Charles Anthony Vangas, Dayton  
 Jan Andrea Wieting, Columbus  
 David Morton Yanes, Skokie, Ill.  
 Linda Morin Zimmerman, Columbus

## College of Mathematics and Physical Sciences

Dean: Colin B. B. Bull

### Bachelor of Arts

Seven candidates

John William Finn, Amelia  
 Elbert Ross Lindsey, Jr., Columbus  
 Daniel Lawson Moore, Columbus  
 Sandra Oliver, Columbus  
 Barbara Louise Parker, Warren  
 Edgardo Andrew Ramos, Columbus  
 Vickie Lee Thurston, Columbus

### Bachelor of Science

Thirty-one candidates

John Otto Bratcher, Kilbourne  
 Reinhold Burbach, Mansfield  
 Donald Jacobs Christian, Strongsville  
 Jacob Dean Eisel, Columbus  
 Ross Clark Fonticella, Chesterland  
 John Henry Fuller, Jr., Columbus  
 Fred Gene Galliers, Columbus  
 Michael Craig Gridley, Columbus  
 Pamala Clare Henjum, Cincinnati  
 Thomas Morgan Hoch, Wickliffe  
 Frank Koch Holterhoff, Cincinnati  
 Philip Mark Hupcher,  
 Plainview, N. Y.  
 Robert William Jones, Columbus  
 Robert Michael Karrer, Wooster  
 James Henry Kirk, Richmond  
 Kenneth David Lebda, Columbus  
 Scott Kenneth Losch, North Canton  
 David William Marshall, Columbus  
 Steven Ross Milam, Columbus  
 Craig Donaldson Nardone, Columbus  
 Rebecca Anne Niederken, Delphos  
 Veronica C. Oestreicher, Fairborn  
 David Andrew Piper, Columbus  
 Alan Ralph Rendina, Columbus  
 Michael Lee Rhodes, Chardon  
 John Leland Romine, Pataskala  
 Anson Henry Russell, Columbus  
 Stephen Schmitt, Columbus  
 Lorraine Barbara Seach, Campbell  
 Terence John Stofko, Ashtabula  
 James Robert Waltz, Port Clinton

## College of Social and Behavioral Sciences

Dean: Franklin Kilpatrick

### Bachelor of Arts

One hundred and thirty-nine candidates

Jeffrey Alan Adler, Lyndhurst  
Janeen Sue Adrien, Columbus  
Neal Wilson Ball, Jr., Columbus  
Laura Neece Baltaro, Columbus  
Manuel Banda, Jr., Cleveland  
Stephen William Beck, Akron  
Terry Lee Bellew, Worthington  
Loris Paul Bemederfer, Columbus  
Peter Howard Berk,  
New Rochelle, N. Y.  
David Lee Bowls, Columbus  
Margaret Anne Boyce, Columbus  
Edward Kenneth Brass, Murray, Utah  
Ava Gay Broner, Cincinnati  
Janet Elaine Brown, Worthington  
Robert Frederick Bruce, Columbus  
David Eric Byrnes, Columbus  
Robert Bruce Catterton, Columbus  
Paul Alan Clinton, Columbus  
Mark Steven Coco, Alliance  
Charles Edward Connor, Columbus  
Lawrence Arthur Cunnings, Columbus  
Carl Michael Dailey, Columbus  
Stephen Paul Dailey, Wintersville  
Christopher Edward Damico,  
Chillithe  
Cynthia Grace Davis, Glassport, Pa.  
James William Davis, Columbus  
Edward Arthur Deering, Columbus  
Rickey Al Dennett, Columbus  
Robert Michael Dini, Columbus  
Sharon Rena Drake, Uniontown  
Michael Glenn Drown, Clyde  
Pamela Radcliffe Dunn, Columbus  
John Joseph Eagles, Cleveland  
John Francis Erjavec, Columbus  
William Walter Fedash, Brooklyn  
Jeffrey Alan Fischman,  
West Orange, N. J.  
Judith E. Fish, Dayton  
Alton Lee Franz, Worthington  
Stephen Frederick Frey, Cincinnati  
William Scott Friedman,  
University Heights  
Isaac Frydman, Columbus  
\*Stephany Ann George, Willowick  
David Lloyd Gill, Columbus  
Alison Marie Graff, Columbus  
Marsha Lynn Grancee,  
Arlington, Va.

Wendy Lynne Hinden,  
Massapequa, N. Y.  
Robert Andrew Holod, Columbus  
Ricky Alan Holt, Rossford  
Daniel James Hooks, Columbus  
Carolyn Louise Jackson, Columbus  
Judy Ann Jackson, Lafayette  
Charles Robert Janes, Reynoldsburg  
Rosemary Jones, Washington, Pa.  
Barry Alan Kahn, Columbus  
Samira Kanaan, Columbus  
David Michael Katz, Columbus  
Steven Lamoyne Kersey, Marion  
Marilyn Kay Kertoy, Dillonvale  
Stuart Michael Kolinsky,  
South Euclid  
Ronnie Lee Kreiter, Marion  
Linda Marie Kurick, Columbus  
Keith Samuel Lammers, Columbus  
Richard Allan Larmi, Warren  
Charles Joseph Lauferweiler,  
Columbus  
Lois Ann Laynor, Millersville, Pa.  
Terrence Edward Lee,  
Warrensville Heights  
Phillip Douglas Lehmkuhl, Springfield  
Joy Lynn Lightcap, Columbus  
Carol Beckman Loke, Columbus  
Jan Michael Long, Middleport  
Thomas Lorenzo, Jr., East Canton  
Milo Shawn Manley, Montpelier  
Connie Lynn Mathis, Dayton  
Rikki Stephany Matthews, Mansfield  
Janice Lynn Mazza, Fairborn  
Daniel Peter McKay, Grove City  
Paul Allen McKelvey, Columbus  
Sandra Lynn McKnight, Richwood  
Assad Moheimani, Columbus  
John Thomas Moore, Columbus  
Daniel Robert Moreland, Columbus  
Mary Woode Morton, Columbus  
Christine Louise Nelms, Oregon  
Kathleen Susan Nelson,  
Huntington Beach, Calif.  
Debra Ann Newman,  
Miami Beach, Fla.  
Ronald Ray Oertle, Columbus  
Deborah Shelley Orlin, Lyndhurst  
Richard Dickson Owens, Jeffersonville  
Janet Lucille Parker, Seven Hills  
Rocky Alton Penn, Rarden  
Michael William Porter, Columbus  
Rick D. Potter, Worthington  
John Scott Prindle, Coshocton  
Linda Ann Radey, Parma  
Catherine Ella Rappoport,  
Youngstown  
Ervel Gene Ratcliffe, Columbus  
Thomas Donald Reimund, Lima

Timothy Charles Ries, Columbus  
Galen Denver Risley, Columbus  
Henry Leo Roubicek,  
Cleveland Heights  
Ronald Arthur Roush, Columbus  
Judy Ann Ruth, Marion  
Robert Schindelholz, Mayfield Heights  
Friedrich Schuster, Youngstown  
Jesse Arnold Scott, Jr., Columbus  
Randolph Scott, Pomeroy  
David Michael Sellers, Columbus  
Diane Cook Semon, Columbus  
Alice Jeanne Shustick, Columbus  
James Lee Singleton, Middletown  
Lynn Marie Smith, Columbus  
Terrye Kathleen Smith, Steubenville  
Thomas James Spangler, Jr.,  
Columbus  
James Patrick Spillman, Findlay  
David Lloyd Starlip, Findlay  
Peter Wesley Stephens, Springfield  
Jack Lee Stewart, Gahanna  
Scott Allen Sutton, Arcanum  
Robert Earl Tanksley, Columbus  
Daniel James Taylor, Columbus  
Nan Sue Teitelbaum, Bellbrook  
Nancy Kay Teton, Los Angeles, Calif.  
\*Thomas Gayle Tolan, Columbus  
\*\*Robert Lee Trueblood, Columbus  
\*Margaret Ruth Valentine,  
Elma, N. Y.  
Darleen Susan Valerian, Cleveland  
John Paul Vivian, Columbus  
Joseph Francis Walsh, Springfield  
William Michael Watkins, Radnor  
George Frederick Weilemann,  
Chagrin Falls  
Susan Ruth Weisman, Columbus  
\*Elizabeth Ann Welker,  
East Liverpool  
Paul Frederick White, Jr., Columbus  
Roger Allen Whiteamire, Caledonia  
Deborah Ann Wick, Kettering  
Betty Jean Wilson, Columbus  
Thomas Angelo Wirtanen,  
Chelmsford, Mass.  
Karen Ann Woeste, Maria Stein  
Richard Daryl Wurtzel, Columbus

\* Also Bachelor of Science in Education,  
College of Education

\*\* Also Doctor of Dental Surgery, College of  
Dentistry

## College of Administrative Science

Dean: James R. McCoy

### Bachelor of Science

Twenty-nine candidates

Susan M. Arnoeczy, Amherst  
Thomas Alan Becher, Louisville, Ky.  
Sally Jo Briggs, Elma, N. Y.  
Paul Howard Crow, Columbus  
Steven Lee Dawson, Coshocton  
David Eugene Dunlap, Columbus  
Charles Gregg Ebien, Columbus  
James Paul Evans, Kettering  
Timothy David Field, Columbus  
Richard Anthony Guzzo, Reynoldsburg  
Timothy Hugh Hatem, Columbus  
Christopher James Hensien, Toledo  
Arnold Marc Hertz, Baldwin, N. Y.  
John Robert Hogan, Parma  
Dianna Lynn Hout, Columbus  
Janice Margery Jackson,  
    Georgetown, Guyana  
Guilford Gage Kingsbury, Columbus  
Kenneth Lee Knowlton, Columbus  
    B.A.  
Sue Jane Knox, Euclid  
Bretton Ross Merryman, Bellaire  
Karl Jerome Michael, Columbus  
Patricia Dale Nute, Perry  
Karen Shafer, Columbus  
Gwendolyn Young Stuke, Columbus  
Frank John Trautman, Columbus  
Daniel Edwin Walker, Columbus  
Joseph Anthony Wildi, Columbus  
John Streett Williams, Medina  
Stephen Harold Wittenberg, Napoleon

### School of Journalism

#### Bachelor of Arts in Journalism

Twenty-four candidates

Pamela Stambaugh Appel,  
    Youngstown  
James William Atkinson,  
    Fairview Park  
Karen Ann Bender, Columbus  
Bill Conner Briscoe, Columbus  
Donald Finley Calhoun, Hilliard  
Dennis Charles Cusick, Columbus  
Nancy Anne Essex, Columbus  
Neil Joseph Fallon, Bay Village  
Lisa Karen Favish, Bellaire  
Alan Jay Goodman, Cleveland  
Linda Louise Halsey, Marion  
Anne Elizabeth Hummer, Columbus  
Sue Ann Langdon, Columbus  
Michael O'Brien Maness,  
    Sarasota, Fla.

Carol Lynn McBurney,  
    Bethel Park, Pa.  
Joyce Elaine McKenna, Worthington  
Raymond Terrance Meehan, Columbus  
Karen Jan Newberne, Cincinnati  
Nancy Lynn Oshinsky,  
    Chevy Chase, Md.  
Harry Hamilton Peck, Aurora  
John Matthew Quinn, Columbus  
John Lee Salisbury, Columbus  
Thomas Michael Siekierka, Kettering  
Robert John Simon, Centerville

### Bachelor of Science in Business Administration

One hundred and twenty-seven

Gregory Dale Abbott,  
    Canal Winchester  
Mark Bartholomew Adams, Dayton  
Donald Wayne Ault, Lebanon  
Jeffrey John Andrew Baker, Killbuck  
Richard Michael Bassett, Oak Harbor  
Robert Edward Bauer, Columbus  
Stanley Lloyd Baumberger, Mansfield  
Robert Richard Beebe, Cincinnati  
Michael James Benedict, Covington  
David Parnly Blackmore, Columbus  
Joseph William Bleicher, Dayton  
Louis John Bonfante, Columbus  
Paul Joseph Bonifas, Cloverdale  
Robert Barry Bowen, Columbus  
Thomas Michael Burke, Columbus  
Thomas Joseph Callahan, Columbus  
Donald Eugene Calvert, Columbus  
David Phillip Carroll, Cincinnati  
Gregory Dale Chalfant, Columbus  
George Thomas Chambers, Hilliard  
Steven Donn Chiles, Chillicothe  
Donald Franklin Clark, Columbus  
Raymond John Cole, Parma Heights  
Robert Paul Cook, New Carlisle  
Don Philippe Copier, Columbus  
Scott Alan Coy, Akron  
James Frederick Curran, Columbus  
Stephen Craig Daily, Columbus  
Gary Lee DeJohn, Columbus  
Peggy Lorraine Demers,  
    Richmond, Va.  
Jeffrey Scott DeVore, Columbus  
Leonard Joseph Dibble, Warren  
Charles Andrew DoBroka,  
    North Olmsted  
David Lee Dragies, Columbus  
Kenneth Bradford Dunn, Chillicothe  
Glenn Robert Evans,  
    Park Ridge, N. J.  
Robert Jessie Fairbanks, Cincinnati  
James Frank Feldhaus, Columbus  
Michael Joseph Gade, Seven Hills  
Richard Thomas Germano,  
    Greensburg, Pa.  
Sheila Marie Gladieux, Toledo  
Alan Earl Gordon, Syracuse, N. Y.  
Karl Max Gorman, Columbus  
Lawrence William Graf, Akron  
Barbara Ann Griffin, Painesville  
Delbert Haney, Gallipolis  
Robert Heatwole, Newark  
Michael James Hedge,  
    Sacramento, Calif.  
Loraine Gibb Herron, Marion

Bard Harrison Holbert,  
San Antonio, Tex.  
Michael Paul Holdsworth, Erie, Pa.  
Abdul-Rahman Amin Jawa,  
Jeddah, Saudi Arabia  
Thomas Michael Kemper, Wilmington  
Timothy Allen King, Columbus  
Daniel Ray Kiser, Columbus  
Richard Edmund Lange, Logan  
Blane Lee Lau, Curtice  
Donn Lee Lauer, Prospect  
Jimmie Douglas Leftwich, Ironton  
Raymond Mark Locker, Columbus  
B.S.Agr.  
John Robert Mackay, Marion  
Steven Paul Mackenbach, St. Marys  
Thomas Kent Mahany, Fairborn  
Randall Glenn Mast, Wooster  
Stephen Joseph McCarthy, Hudson  
Paul Michael McClain, Columbus  
Dennis Edward Michaels,  
Rochester, N. Y.  
Michael George Mihalek, Avon Lake  
Lawrence Paul Miller, St. Marys  
William Harry Miller, Lockbourne  
Michael Dan Mokodean, Canton  
Ronald Eugene Molnar, Columbus  
Daniel David Moore, Reynoldsburg  
Jane Ellen Moore, Columbus  
Robert Scott Moore, Worthington  
Ronald Alan Neff, Columbus  
John Patrick Neville, Springboro  
Maris Falken Ogg, Lancaster  
Mary Joanne Olson, Columbus  
David Scott Owens, Brecksville  
Christopher Robert Parke, Wauseon  
Ray Pope Patterson, Columbus  
Wayne Ray Pittenger, Shelby  
William Russell Plautz, Brecksville  
Michael John Plazak, Cuyahoga Falls  
Robert Douglas Polny, Lorain  
Daniel Robert Pope, Kenton  
Charles Raymond Porter, Jr.  
Reynoldsburg  
Armin Mark Price, South Euclid  
Terry Jay Quinn, Zanesville  
Michael Samuel Rebich, Steubenville  
Jimmie Dale Richey, Mowrystown  
Martin Thomas Rini, Columbus  
Douglas Ross Rogers, Loudonville  
Eugene Victor Ruhe, Ottawa  
Delbert Anderson Russell, Jr., Elyria  
B.A. (Wittenberg University)  
John David Russell, Waldo  
Patrick John Ryan, Northfield  
Daniel Sadivnyehy, Cleveland  
Stephen James Schieser, Columbus  
Robert Joseph Schmidt, Columbus  
Gary Lee Schneider, Columbus

Stephan Allen Schneider, Columbus  
Gary Lee Schottenstein, Columbus  
Carol Ann Shivers, Columbus  
John William Shroy, Findlay  
Ronald Ray Snawley, Sidney  
Timothy Duane Snyder,  
Maple Heights  
John Riley Standfield, Cleveland  
David Gene Stebel, Clinton, N. C.  
Samuele Pompeo Stefanelli, Columbus  
Michael William Steiger, Spencerville  
Dale Edward Strang, Toledo  
Thomas James Sundquist, Marietta  
Frank William Sytnik,  
Wantagh, N. Y.  
Steven Daniel Urban, Kent  
Charles Edward VanWinkle,  
Mt. Vernon  
Melvin Anthony Vermaaten,  
Columbus  
David Glen Vinsel, Zanesville  
John Collier Voderberg, Wilmette, Ill.  
John James Wain, Seven Hills  
Gary Weiss, Cleveland  
Ora Edwert Wolf, Newark  
Osborn Woodford, Columbus  
Cynthia Rose Wutchiett, Cleveland  
Michael B. Yost, Worthington  
Richard Louis Zedeker, Sidney

Mary Lucille Kraemer, Hilliard  
Christopher George Lohrman,  
Columbus  
Joan Leslie Malinas, Cleveland  
Leah Ethel Meyer, University Heights  
Debra Joyce Poster, Mt. Pleasant, Pa.  
Laura Jean Rappaport, Fairfax, Va.  
Carol Elaine Rocco, Newark  
Cheryl Reeves Royster,  
Washington C. H.  
Janet Elaine Schmidt, Bainbridge  
Thomas Walter Scott, Conneaut  
Barbara Frances Shultz, Blanchester  
Ellen Efrid Smith, Powell  
Charmain Dawn Stebbins,  
Canandaigua, N. Y.  
Maria Anna Stravelakis, Columbus  
Jill Ellen Surber, Lake Orion, Mich.  
Deborah Ann Theile, Cincinnati  
Bonnie Jean Walker,  
Lauderdale-by-the-Sea, Fla.  
Barbara Susan With, Cincinnati  
Marvin Ira Zeldin, Columbus

## School of Social Work

### Bachelor of Science in Social Welfare

Thirty-seven candidates

Charles Ira Balcher, Cleveland  
Jane Ann Barry, Columbus  
Carolyn Berliner, Columbus  
Paula Jane Carrier, Bay Village  
Charles Clarence Cataline, Columbus  
Carolyn Ann Cocklin, Hartville  
Vicki Lynn Davis, Uniontown, Pa.  
Marla Anita Delgado, Worthington  
Jennifer Jo Elam, Middletown  
Ronda Lee Griffith, Columbus  
Susan Lynn Guzzo, Columbus  
Nancy Dean Haigh, Cincinnati  
Cynthia Sue Harris, Niles  
Dianne Barker Howard, Columbus  
Debra Sue Isroff, Akron  
Sbeva Shari Kleiman,  
Huntington Station, N. Y.  
Rebecca Jo Kohler, Toledo  
Lisa Diane Korben,  
Rockville Centre, N. Y.

## College of Agriculture and Home Economics

Dean: Roy M. Kottman

### Bachelor of Science in Agriculture

One hundred and fifteen candidates

Kenneth Lewis Aukerman, Medina  
Neil Robert Bair, Forest  
Michael Lee Bayes, Orient  
Ted Paul Becker, Eaton  
David Eugene Beisner, Greenville  
Edmond Robert Benedict,  
Cleveland Heights  
B.A.  
James Reese Benson, Carroll  
Barbara Ann Bertsch, Cincinnati  
Michael Irwin Bloomfield,  
Youngstown  
Allan Edward Boster, Gallipolis  
John Frederick Brandau, Amherst  
Paul Richard Brautigam, Anna  
Theresa Anne Brim, Findlay  
James Michael Broadhurst, Columbus  
Ronald Lee Brooks, Continental  
John Richard Brula, Worthington  
William James Carstensen, Martin  
Ronald Allen Cave, Stoutsville  
Robert Dean Cline, Delaware  
Gerald Lee Connolly, Zanesfield  
Laurence Keith Cook, New London  
Charles Preston Cooley, Cedarville  
Charles Evan Cory, Cincinnati  
Janet Marie Coulter, Brecksville  
Joe William Cress, West Milton  
Tony Lee Cummins, West Mansfield  
Robert Leslie Curtner, Berea  
Candace Howell Cushman, Columbus  
David Paul Darr, Fremont  
Stephen Thomas Deger, Lebanon  
Thomas Donald Dieter, Austintown  
Keith Edward Dill, Sidney  
Dennis Dee Dolch, Bloomville  
Thomas Frear Dugan, Perry  
James Francis Eckman, Columbus  
Gordon Richard Flax,  
South Charleston  
Charles Lee Flint, Greenwich  
Timothy Lee Freund, Delphos  
Dennis Philip Garrity, Cleveland  
Darrell Mark Grassbaugh, Mt. Vernon  
Frederick Michael Haber, Eaton  
David Lee Hague, Senecafield  
Jeffery Peter Hahn, Worthington  
David Alan Hance, Piqua  
Robert Edward Harper, Beallsville  
Janet Lee Henderson, Bay Village  
Ray Allen Hephner, Maple Heights  
Dennis Allen Heyob, Harrison  
Jerald Wayne Hines, Ashville  
Robert Dean Hisey, Marysville  
Jon Ervin Hodge, Wooster  
Thomas Ray Hoffman, Archbold

Dennis Michael Holloran, Brookville  
Gerald Lee Horan,  
Middleburg Heights  
David Edward Houts, Celina  
Kevin Bruce Jeffers, Mt. Victory  
Allan Lee Johnson, Logan  
Neil Leonard Jordan, Tiffin  
Daryl Lynn Knipp, Oak Harbor  
Robert Douglas Lanker, Mt. Gilead  
James Philip Longenecker, Laura  
Terry Alan Love, Defiance  
Mark Alan Luttner, North Royalton  
Steven Ray McKee, Manchester  
Jesse Townsend McLeod, Westerville  
Paul Joseph Mihalko,  
Cleveland Heights  
Walter David Miller, North Benton  
Jeffrey Wayne Mizer, Stone Creek  
John Richard Moser, Dalton  
Brent Earl Oatney, Lancaster  
Michael Anthony O'Connell, Cincinnati  
B.A. (Xavier University)  
John Michael O'Herron, Painesville  
Robert James Oroszi, Fairborn  
William Joseph Otto, Cincinnati  
Bradley Ervin Owens, Van Wert  
William John Robert Park,  
Tupperville, Ont., Canada  
Dennis Leon Parnaby, Middlefield  
Bradley Allen Perry, Clyde  
Douglas Lee Putnam, Alger  
Timothy John Radachi, Elyria  
Blake Eugene Rafeld, Ashland  
Douglas Creighton Ritchey,  
Belle Center  
Gregory Allen Roadruck, Coshocton  
Ronald George Roell, Cleves  
John Robert Rohrs, Holgate  
Robert Donald Runk, Eaton  
Freddy Eugene Schafer, Hannibal  
Larry Wendal Schriver, Grafton  
Ralph Dale Schrock, Jr., Millersburg  
Robert James Selikson, Austintown  
B. Patrick Smith, Medina  
Bruce Edward Smith, Lancaster  
David Alan Smith, Sabina  
Stevan Jay Sprague, Vincent  
Dennis Lee Stacy, Green Springs  
Ralph Michael Stegbauer, Payetteville  
Lesley Williams Steidley, Mansfield  
Valerie Capodanno Stewart, Mansfield  
Richard Alan Storehalder, Lyons  
Thomas Clayton Terrell, New Vienna  
Anthony George Trachevski, Dublin  
Robert Russell Troike, Sandusky  
Donald Charles Ungemach, Parma  
Nevin Lee Vandegrift, Minerva  
Daniel Earl Verhoff, Bellevue  
William Francis Vogel, New Lebanon

Edward George VonderEmbs,  
Mansfield  
B.A.  
Steven Ernest Vulgamore, St. Paris  
Miranda A. Warner, Columbus  
Joseph Arthur Wellman,  
Port Recovery  
Ray Allen Wells, Mingo Junction  
James Howard Williams, Wilmington  
Elizabeth Reeb Winzeler, Whitehouse  
Richard Dean Wiseman, Pedro  
Carla Turner Wright, Gahanna

### Bachelor of Science in Dairy Technology

One candidate

Warren Bruce Taylor, Worthington

### Bachelor of Science in Nutrition

One candidate

Timothy Allen Reinhardt, Elyria

### School of Home Economics

#### Bachelor of Science in Home Economics

Forty-six candidates

Judy Lee Aldrich, La Grange  
Elise Valerie Allen,  
Spring Valley, N. Y.  
Barbara Jane Aman, Canton  
Julie Wilson Bower, Granville  
Georgia Hansel Cackler, Delaware  
Susan Wipert Cannon, Waverly  
Connie Hurst Codispoti, Kettering  
Karen Yvonne Connar, Zanesville  
Mary Lynn Crawford, Newark  
Rebecca Ellen Crown, Dresden  
Linda Suzanne Davis, Grove City  
Margaret Lucille Eshler, Barnesville  
Joanne Eisenman Findley, Columbus  
Vicki Lee Fraunfelter, Laurelville  
Connie Lee Frost, Salem  
Paulette Bunker Garrison, Greenville  
Janice Diane Gartman, Parma  
Madeline Lee Greene,  
New Rochelle, N. Y.

\* Also Master of Science, Graduate School

Marilyn Sue Hufford, Troy  
 Donna Jean Huprich, Fairborn  
 Sandra Natoli James, Columbus  
 Betty Rodgers Kulich, Orient  
 Sally Dianne Leask,  
   St. Catharines, Ont., Canada  
 Teri Diane Linn, Columbus  
 Linda Kealey Lowe, Columbus  
 Deborah Ann McSurley, Whitehouse  
 Patricia Sue Murphy, Columbus  
 Susan Gayle Nesbit,  
   University Heights  
 Mary Elizabeth Overmyer, Elmore  
 Linnell Adams Perry, Columbus  
 Susan White Peters, Columbus  
 Kathleen Ann Plaskett, Canton  
 Eva Jean Promen, Columbus  
 Joy Ellen Reed, Dover  
 Margaret Webb Richer, Lima  
 Diane Eve Rosen, East Meadow, N. Y.  
 Sandra Lee Schwallie, Dayton  
 Deborah Ellice Sherman, Cleveland  
 Karen Darlene Skubic, Norton  
 Patricia Anne Stone, Brecksville  
 Cathy Sue Trantina, Northfield  
 Sandra Lynn Tuttle, Defiance  
 Constance Rae Umpleby, Columbus  
 Cynthia Elizabeth Villhauer, Maumee  
 Sandra Mary Whalen,  
   Mayfield Heights  
 Rebecca Anne Wilkins, Columbus

## School of Natural Resources

### Bachelor of Science in Natural Resources

Twenty-eight candidates

Teresa Jo Allen, Chillicothe  
 John William Bensheimer, Columbus  
 Robert Noakes Brenner, Findlay  
 Robert Ciz-madia, Cleveland Heights  
 Thomas Joseph Coelho, Columbus  
 John Charles Doeden, Hicksville  
   B.S. Engr. (Purdue University)  
 James Martin Duffy, Wooster  
 Gene Arthur Emond, Cleveland  
 Guy Robert Evans, Cincinnati  
 James William Farfing, Cincinnati  
 Joseph Robert Flick, Cincinnati  
 Thomas Neil Glover, Columbus  
 Edward Allen Greer, Reynoldsburg  
 James Parker Haub, Columbus  
 Thomas Arthur Henry, Columbus  
 Steven Edward Henthorne, Newark  
 Jean Marie Kandrac, Rocky River

Katherine Ann Killen, Worthington  
 John Gary Marciniak, Cleveland  
 Jerry Edwin McComas, Columbus  
 Eric Benton Partee, Bryan  
 Richard Lynn Poling, Columbus  
 Edward Stuart Reed, Westerville  
 Todd DeWitt Rolf, Gibsonburg  
 Richard Maxwell Slaybaugh, Jr.,  
   Columbus  
 Edwin James Stiffler, Jr., Mansfield  
 Robert Martin Vidourek, Columbus  
 Gregory James Wolf, Jamestown

## College of Dentistry

Dean: John R. Wilson

### Doctor of Dental Surgery

One hundred and forty-nine candidates

David Johnson Acer, Beaver, Pa.  
 Roger Lewis Albrecht, Columbus  
 B.A.  
 George Michael Albu, Niles  
 B.S.  
 Douglas Warren Alderman, Windsor  
 Thomas Edward Anderson, Akron  
 B.S. (University of Akron)  
 Robert Stephen Anthony, Bellevue  
 B.S.  
 John Rees Aughenbaugh, Oberlin  
 B.A. (Wittenberg University)  
 Peter Phillip Austin, Dayton  
 B.A. (Ohio Wesleyan University)  
 Jay Reed Basil, Fort Wayne, Ind.  
 B.S. Bus. Adm.  
 Joy Del Bebout, Hebron  
 B.A.  
 Phillip Julian Beckwith, Columbus  
 B.A. (Miami University)  
 Jack Bradley Bell, Ashtabula  
 B.A. (Kent State University)  
 Terry Berkley, Cleveland  
 B.S.  
 Charles Nicholas Bertolami, Lorain

Robert Carl Blankenburg,  
 Fairview Park  
 A.B. (Wittenberg University)  
 John Kennedy Boedigheimer,  
 Miamisburg  
 B.S. (University of Dayton)  
 Craig Edward Booth, Jr.,  
 Elkins, W. Va.  
 Richard Thiel Boyd, Alliance  
 B.A. (Kent State University)  
 John Michael Bozick, Adena  
 William Howard Braund, Wooster  
 B.S.  
 Charles Aaron Casher, Dayton  
 B.A. (University of Louisville)  
 Everett Lee Chapman, Columbus  
 B.S.  
 Joe Peiping Chu, Cincinnati

Thomas Thatcher Clafin, Bowling Green B.A. (College of Wooster)	Stevan Karl Forney, Cridersville B.A. (Miami University)	Jerry Douglas Lachat, Centerville Kent Stuart Lamoreux, Lakewood B.S. (Bowling Green State University)
Thomas Bowers Cook, Youngstown B.A. (University of Vermont)	Robert Blair Fox, Mason B.S. (University of Dayton)	James Roy LaRocco, Canton
Stanley Kaj Coss, Toledo	James Edward Frounfelter, Ravenna B.S.	Carl Alan Legg, Athens B.S. (Ohio University)
Robert Mitchell Craig, Jr., Dayton B.A. (Ohio Wesleyan University)	Thomas Michael Gabriel, Youngstown B.A. (Youngstown State University)	Dale Michael Leonhardt, Cleveland B.A. (Miami University)
Thomas Charles Cray, Toledo B.S. (University of Toledo)	Richard Edward Godfroy, Jr., North Olmsted	Rand Allen Luckner, North Canton
Kent Winfield Cunningham, Kettering	Mark Richard Gordon, Fairborn B.S.	David Laurence MacKnight, Madeira B.S. (Ohio University)
Richard Pratt Cunningham, Portsmouth	Gregory David Grucella, Akron B.S.	Richard Anthony Mahfood, Steubenville B.A. (College of Steubenville)
David Shoff Daugherty, Delaware B.S. (Houghton College)	Thomas Charles Hall, Sylvania	Charles Alexander Mardis, Akron
James Lawrence DellaSantina, Fremont B.A. (Ohio Northern University)	David LeRoy Harnett, Kinsman B.A.	John Edward Mayer, North Royalton B.S. (Ohio University)
Charles Louis DiPasquale, Dayton B.S. (Xavier University)	David Ramon Harrison, Cincinnati B.S. (University of Cincinnati)	Michael William McConnell, Dayton B.S. (University of Dayton)
Martin Allen Drozdowicz, Toledo B.A.	Bruce Allen Hartle, Garrettsville	John James McDonald, Canton B.S. (Otterbein College)
James Lawrence Drummond, Maumee B.S. (University of Illinois) ; M.S. (Massachusetts Institute of Technology)	Thomas Paul Heckler, Celina	Ralph Richard Mello, Columbus
Todd Reign Dunkle, Swanton B.A.	Lynn Earl Heldreth, Alliance	Loman Earl Miller, Wadsworth B.A. (Ohio University)
Wayne Dennis DuPont, New Port Richey, Fla.	Gary Lee Holtz, Toledo	John Edward Mitakides, Dayton B.S.
Michael Wayne Easley, Defiance	Richard E. Howell, Ashtabula B.A. (Wittenberg University)	David Ross Monfort, Columbus B.S. (University of Notre Dame)
Robert E. Ellis, North Canton B.S. (Ohio University)	Eugene Hunter, Sr., Columbus B.S. (Tennessee State University)	Stephen Parker Moore, Cambridge B.A. (Wittenberg University)
Gerald Andrew Eskay, Struthers B.A. (Saint Vincent College)	Stephen Lloyd Hutcheson, Zanesville	Albert George Muldrow, Cincinnati B.S. (University of Dayton)
Thomas Nagel Ewing, Columbus B.A. (Hiram College)	Burton Wayne Job, Warren	Thomas Michael Murphy, Athens B.S. (Ohio University)
Joseph Henry Fallon, IV, Cincinnati B.S.	Craig Thomas Johnson, Edgerton B.A. (Miami University)	Steven Lee Owdom, Solon B.S.
Larry Steven Faust, Cincinnati B.S. (University of Cincinnati)	Merwin Russell Jones, Cincinnati B.S. (Xavier University)	James Dick Pardoe, II, Hudson B.S. (Grove City College, Pennsylvania)
David William Fix, Rossford B.S. (Bowling Green State University)	John Charles Kline, North Canton	Edward George Parobek, Jr., Cleveland B.S.
Gary Michael Flasco, Akron	Lawrence Roy Kluener, Cincinnati	Gary David Parson, Columbus B.S.
James Nelson Fodor, Cleveland B.S.Bus.Adm.	Philip Arnold Knall, Columbus	
	Eric John Koren, Chesterland B.S. (Ashland College)	
	Gregg Reno Kroen, Columbus B.S. (Capital University)	
	Raymond Frank Kuhel, Jr., Willowick	
	Gregory Joseph Kvaska, Middleburg Heights B.S. (Bowling Green State University)	



Richard Owen Patten, Columbus  
B.A. (Ohio Wesleyan University)

Jon Douglas Paulus, Massillon  
B.S. (University of Akron)

Stanley Thomas Payne, Cincinnati  
B.S.

Timothy Walter Peters, Cincinnati  
A.B. (Miami University)

Reed Davy Prugh, Dayton  
B.S. (Virginia Military Institute)

Harold George Pryor, Cleveland  
B.S.C.I.S.

Dennis Mark Rafferty, Clinton  
B.S.

John Daniel Rajniak, Barberton  
B.A. (Miami University)

John Walter Rauch, Dayton  
B.S. (University of Dayton)

Joseph Pearl Reichley, Xenia

Ronald Stephen Ricci, Dayton  
A.B. (Miami University)

Douglas Dennis Richardson, Dayton  
B.S. (University of Dayton)

Joseph Barry Risher, Enon  
B.A. (Miami University)

Robert John Roberts, Plymouth, Mich.  
B.S. (Capital University)

Thomas Lee Rogers, Kenton

Philip Paul Rothermel, Columbus  
B.S.

Dennis Robert Salapack, Canton  
B.A. (University of Akron)

Alex David Sales, Uhrichsville  
B.S.

Michael David Salkovitch, Beachwood  
B.S.

J. Michael Sarnovsky, Elyria  
B.S. (Ohio University)

John Joseph Scherer, Bellevue

Nikolaj Schischiskij, Vandalia  
A.B. (Miami University)

Eric Christian Schlanser, Cincinnati  
B.S.

James Michael Schultz, Lyndhurst  
B.S.Bus.Adm. (Miami University)

Gary E. Schumacher, Dover  
B.S. (Ohio University)

Joseph James Shadeed, Akron  
B.A. (University of Akron)

Scott Coburn Shafer, Germantown  
B.A. (Earlham College)

William Francis Shannon, Portsmouth  
B.S. (Ohio University)

H. Kent Slater, Oberlin  
B.S. (Otterbein College)

Randall MacDonald Speer,  
Worthington  
B.A.

Jack Spratt, Jr., Toledo  
B.S.

James Robert Stahl, Lima

William Thomas Stano, Jr.,  
Cleveland  
B.S. (Ohio University)

Paul Edward Staubit, Cincinnati

Robert Bode Stickrath, Jr., Marietta

Patrick Joseph Stillisano, Willoughby  
B.S. (University of Notre Dame)

Glenn Ralph Swearingen, Jr., Toronto  
B.S. (University of Akron)

William Richard Syverson,  
Worthington  
B.S. (DePauw University)

James Forest Taylor, Bloomingdale

\*Robert Lee Trueblood, Columbus

Chris Bernard Uhlenbrock, Cincinnati  
B.A.

David Livingston Upperman,  
Groveport  
B.A. (Asbury College)

Henry Addison VanHala, Jr.,  
Rocky River  
B.A.

Ronald Lynn Walker, Columbus  
B.S.

Eric Wayne Warnock, Maumee  
B.S. (Capital University)

Wayne Richard Wauligman,  
Cincinnati

Douglas Allen Webb, Wooster

Alan Robert Weber, Cincinnati

William Edward Wellman, Greenhills

Thomas O'Brien Williams, Dayton  
B.S. (University of Akron)

Alan Joseph Wood, Springfield  
B.S.

Barry Edward Wootton, Cincinnati

John Cheverton Wyatt, Cincinnati  
B.A. (Denison University)

\* Also Bachelor of Arts, Colleges of the Arts  
and Sciences

## College of Education

Dean: Donald P. Anderson

### Bachelor of Science in Education

Three hundred and fifty-four candidates

Charles Phiness Adkins, Columbus  
Charles Anthony Amicon, Jr., Columbus  
Ann Elizabeth Anderson, Coshocton  
Timothy Claiborne Anderson, Columbus  
Sarah Nees Antochow, Columbus  
Michael William Arbutina, Mansfield  
Michael Van Nicholas Axtell, Gallipolis  
B.A. (Marietta College)  
Robert Ignatius Baeslack, Seven Hills  
Deborah Jean Bailey, Lima  
Richard Mark Baker, Columbus  
Gerald Warren Ballinger, Cincinnati  
Janet Sue Benington, Dayton  
Mary Taylor Bensman, Lima  
Cheryl Bowers Bentley, Marion  
Donna Marie Bevilacqua, Columbus  
David Franklin Bible, Coshocton  
Michael Lee Binkley, Lima  
Jane Ellen Biro, Lakeside  
Ross Donald Bittner, Cincinnati  
Elizabeth Susan Black, Piqua  
Robin Reid Blevins, Columbus  
Thomas Allen Bloom, Heath  
Stephanie Anne Blume, Columbus  
Paul Jean Bodman, Columbus  
James Edward Bolinger, Van Wert  
Debra Ann Booth, Rocky River  
Catherine Gretchen Bornemiss, Girard  
Mary Helen Boston, Dayton  
Lynette Sue Boyce, Columbus  
David Walter Bradford, Grove City  
Jerry Linton Branham, Ashville  
Marc Alan Braun, Reachwood  
Patricia Bray, Marion  
Martha Lou Brediger, Chardon  
Alberta Berg Brennan, Washington C. H.  
Michael Joseph Brennan, Columbus  
Sharon Lee Brenneman, Rawson  
Gary Sanford Brian, Sandusky  
Charles Bradley Brobeck, Marysville  
Janet Hope Brownstein, Akron  
Anne Celia Brugger, Springfield  
Barbara Kay Bruny, Columbus  
Larry Anthony Buccilla, Columbus  
Nancy Ann Buchanan, Middleport  
Mary Schnug Buck, Hilliard  
Judith Lossing Callander, Newark  
Frederick Lee Camp, Wilmington  
Margaretta Ludden Camp, Columbus  
Marcia Ruth Canine, Rocky River  
Marie Antoinette Caporini, Shelby

Sallyann Carpenter, Columbus  
Peter Gordon Carswell, Columbus  
Jean Ann Carte, Columbus  
Jeanette Steinke Carter, Uniopolis  
Mary Lawrence Chafin, Worthington  
Barbara Jean Chesler, Garfield Heights  
Marilyn Anne Claar, Springfield  
Myra Dawn Clark, Columbus  
Janet Sue Close, Shelby  
William Robert Coe, Columbus  
Karen Anne Conklin, Warren  
Christy Ellen Conn, Columbus  
Janet Beth Cooke, Columbus  
Connie Candler Corkwell, Columbus  
Susan Helene Cossman, Fords, N. J.  
Linda Van Horn Cummings, Columbus  
Cathy Lee Dabney, Columbus  
Elsie Yvonne Danner, Columbus  
Virginia Kieffer Deal, Columbus  
B.F.A.  
Susan Earnhardt Deering, Waverly  
Nancy Susan Dempsey, Columbus  
Simone DePasquale, Jr., Columbus  
Patricia Atehison DeVore, Columbus  
June Maxine Dickerson, Hazlet, N. J.  
Keith Howard Dickess, New Albany  
Thomas Lester Donaldson, Newark  
Susan Ann Donegan, Kettering  
William Doran, Port Jefferson Station, N. Y.  
Claudia Suzanne Dostal, Bucyrus  
Elizabeth Ann Dukoski, Cadiz  
Catherine Cox Dumbauld, Columbus  
Cathy Owens Edwards, Dayton  
Charlene Kay Eisele, Marion  
Diane Marie Elliott, Columbus  
Mark Alan Ely, Columbus  
Holly Anne Ensley, Fairborn  
Gary Lee Esmonde, Chardon  
Lorraine Esswein, Columbus  
Timothy Lynn Fannin, Newark  
Joseph William Farry, Columbus  
Christine Stroup Fazio, Wilmington  
Beth Ann Fisher, Columbus  
Constance Jean Fitzsimmons, Columbus  
Richard James Flint, Columbus  
Dorothy Joan Flowers, McClure  
Janelle Marie Forsyth, Columbus  
Carole Ann Foster, Centerburg  
James Irene Franklin, Lorain  
Maud Combs Franklin, Camp Dennison  
Mary Ann Hardin Free, Lucas  
Lisa Michal Freedman, Lorain  
Susan Marsha French, Columbus  
Ann Recker Frieson, Lima

Glenda Kay Fuleky, Columbus  
Donna Kluender Gallanis, Columbus  
Carmen Elaine Garrett, Mattoon, Ill.  
Bruce Michael Gast, Prospect  
Joan Ann Gentry, Miamisburg  
Stephany Ann George, Willowick  
Debra Ann Ghezzi, Uhrichsville  
Michael Dennis Gifford, Columbus  
Katherine Julian Goldberg, Columbus  
Elizabeth Mary Grabowski, Chardon  
Cert. Grad. Dent. Hyg.  
Judith Lynn Granger, Marion  
Mary Ann Gray, South Euclid  
Diane Lola Green, Lodi  
Sally Lynn Griffith, Shelby  
James Douglas Grigger, North Royalton  
Suzanne Clara Grillo, Jackson  
Karen Sue Gubernath, Bucyrus  
Craig Randall Hadley, Hilliard  
Joseph Gallagher Hagloch, Dover  
Pamela Jeanne Hahn, Sandusky  
Jerry Nestor Hall, Whipple  
Timothy Dale Hamilton, West Mansfield  
Kathleen McGill Harte, Columbus  
Lynn Zubowsky Hartshorne, Columbus  
Frank Wesley Hatcher, Columbus  
Patricia Ledinsky Hauser, South Bend, Ind.  
Cynthia Johnson Hausser, Decatur, Ill.  
Joan Marie Hayes, Toledo  
Linda Frances Hecht, Norfolk, Va.  
Valerie Dawn Hergatt, Mansfield  
Vicki Lynn Hirsch, Livingston, N. J.  
Susan Marie Hoffman, Columbus  
Janet Dawn Hogan, Chardon  
Eugene Wallace Hohwald, Columbus  
Bernice Ruth Horbaly, Brecksville  
Faithe Diane Houston, Columbus  
Bonita DeBacker Howard, Bucyrus  
Margaret Ann Howard, Columbus  
Holly Elizabeth Huber, Worthington  
Mary Ellen Hulme, Youngstown  
Margaret Siehl Huneke, Eaton  
Betty Humphreys Hunlock, Columbus  
Suellen Jones James, Fredericktown  
Stanley Jefferson, Germantown  
Janet Jenkins Johnson, London  
Paul Andrew Johnson, Williston  
Cathleen Ann Johnston, Columbus  
Carol Ann Jones, Lima  
Penny Lee Jones, Spencerville  
Thomas William Jones, Columbus  
Sandra Lee Jordan, Independence

\* Also Bachelor of Arts, Colleges of the Arts and Sciences

Louise Spivey Joyner, Columbus  
 Faith Lynette Justice, Kingston  
 Lynda Diane Kahn, Beachwood  
 Susan Lynn Kale, Columbus  
 Rose Kleski Kaplan, Gahanna  
 Lisa Freiberg Katz, Shaker Heights  
 Ann Irene Keck,

New Providence, N. J.  
 Anne Louise Kelly, Zanesville  
 Louann Sue Kent, Newark  
 David Leonard Killius, Youngstown  
 Patricia Lee Kinchy, Cleveland  
 Patricia Ellen Kleffman,  
 Pittsburgh, Pa.

Sheryl Ellen Kline, South Euclid  
 Linann Kay Knodel, Columbus  
 Nancy Jane Kolb, Centerville  
 Kim Forester Koos, Lorain  
 Marcia Louise Kos, Lorain  
 Wayne James Koury,  
 Cleveland Heights

Connie Dodson Kristoff, Columbus  
 Fran Cindy Krupp, Freeport, N. Y.  
 Paula Mae Kuehner, Columbus  
 Linda Marie Kufta, Brecksville  
 Nancy Ellen Kuper, Columbus  
 Karen Denise Kyle, McMurray, Pa.  
 Judith Ann Laird, Grove City  
 Robert Alvin Lamneck, Columbus  
 Jone Stauffer Lane, Lima  
 Elaine Marie Leczksey, Fairview Park  
 Debora Tischer Lee, North Randall  
 William Arthur Leichman, Cincinnati  
 Michael Lawrence Leonino, Akron  
 Darlene Diller Lewis, Reynoldsburg  
 Marcia Jo Libster, Canton  
 Thomas Carl Lieb, Columbus  
 Carol Sue Liebenthal, Cincinnati  
 Linda Eliuella Limbert, Botkins  
 Joan Margaret Lindow, Columbus

Cert. Grad. Dent. Hyg.  
 Candice Cass Link, Newark  
 Richard Alan Link, Upper Sandusky  
 Betsy Sue Lobel, Hewlett, N. Y.  
 Susan Marie Longo, Steubenville  
 Patricia Ann Loschiavo, Troy  
 Michael Weeks Lowary,  
 Princeton, W. Va.

Nina Elizabeth Lubin, Beachwood  
 Christopher Dean Lucas,  
 Canal Winchester

Terry R. Lugenbeal, Wooster  
 Beth Ann Lymanstall, Defiance  
 Cert. Grad. Dent. Hyg.

Karen Deborah Maki, Willowick  
 Pete Maneff, Columbus  
 Sandra Evans Manley, Columbus  
 Terry Edward Manning, Columbus  
 Linda Kay Marquardt, Kettering  
 John Franklin Martin, Newark

David Charles McCarty, New Carlisle  
 Marilyn Kay McGrievy, Lima  
 David Hubert McKay, Columbus  
 Mary Catherine Nally McKenzie,  
 Newark

Jean Hoover McLearn, Columbus  
 Nancy Stroup Medley, Shelby  
 Nancy Gail Lang Mehling, Columbus  
 Mark William Menard, Avon Lake  
 Susan Bobett Metzger, Grove City  
 Sharman McClead Meyer, Columbus  
 Nancy Jean Michaels,  
 Bedford Heights

James Franklin Middleton, Sidney  
 Nancy Duffy Milburn, Columbus  
 James Alan Miller, Lima  
 Patricia Fox Miller, Marion  
 Patricia Stout Miller, Delaware  
 Terry Lee Minister, Columbus  
 Ruth Maria Molock, Cheltenham, Md.  
 Vivian Vasil Monce, Columbus  
 Frances Ellen Montgomery, Newark  
 Isabel Myers Moon, Englewood, Fla.  
 Sheelah Kathleen Moriarty,  
 Columbus

Joyce Elaine Mueck, Richwood  
 Mark Kirsten Mueller, Findlay  
 Bradley Karlton Muller, Cincinnati  
 Robert Leo Musgrave, Arlington  
 Patricia Jones Nethers, Newark  
 Rebecca Jane Neubacher, Bucyrus  
 Kathryn Houser Neuendorf,  
 Fairview Park

David Simon Norris,  
 University Heights  
 Jon Charles Null, Orrville  
 Joyce Margaret O'Brien, Columbus  
 Corey Patrick O'Dell, Cleveland  
 Debra Frazier Odom, Columbus  
 Francis Patrick O'Grady, Columbus  
 Gloria Elsa Pados, Columbus  
 Evelyn Palecznicki, Canton  
 Patricia Conway Park, Marion

Richard James Park, Lima  
 Pamela Sue Passante, Columbus  
 Bonnie Ann Patten, Cincinnati  
 Patricia Ann Patton, Salem  
 Miriam Kristen Peck, Columbus  
 Lynn Jernigan Perry, Columbus  
 Jane Eileen Phillips, Kenton  
 Brenda Lee Phillips, Cedarville  
 Janice Lynn Pinter, Lorain  
 Martha Anita Pitney, McComb  
 Margilece Planton, Warren  
 Nancy Jean Potter, Columbus  
 Jerry Robert Price, Van Wert  
 Judy Lynn Price, Columbus  
 Susan Irene Pulsinelli, Columbus  
 Nancy Smith Purvis, Columbus  
 Sally Arnold Randles, Columbus

Diana Lynn Rarick, Millersport  
 Cert. Grad. Dent. Hyg.  
 Franklin Cole Ratermann,  
 Port Laramie

Carolyn Anne Ream, Hartsville  
 Peggy Anne Reed, Columbus  
 Pamela Lynn Reiter, Toledo  
 Pamela Ann Reno, Columbus  
 Susan Faye Rensi, Hopedale  
 Cert. Grad. Dent. Hyg.  
 Judith Larson Reynolds, Columbus  
 Barbara Jo Rickelman, Novelty  
 William George Rickett, Ashland  
 Jerry Alan Rizer, Amherst  
 Stephen Franklin Robbins, Napoleon  
 Marlene J. Robi, Richmond Hill, N. Y.  
 Roberta Lynn Robison, Matawan, N.J.

Cert. Grad. Dent. Hyg.  
 Lola Ellen Roley, Granville  
 Eleanor Diane Rosenfeld,  
 Shaker Heights  
 Gerald Edward Roush, Lima  
 Jane Ann Routsong, Dayton  
 Robert Gordon Rusiska, Mansfield  
 Jill Frymier Russell, Columbus  
 V'Ann Kimberly Ryther, Gahanna  
 Paula Diane Sand, Bucyrus  
 David Glenn Sanders, Columbus  
 Fredrick Jay Saul, Jr., Marion  
 John Edward Schlessman, Sandusky  
 Eric John Schmieder, Columbus  
 Helen Bernice Schuster, South Euclid  
 John Stephen Seeger, Chagrin Falls  
 Dennis Neal Shay, Columbus  
 Margie Diane Sheets, Delaware  
 Joan Geist Short, Columbus  
 Jill Dillon Shumaker, Newark  
 Toni Lynn Sidon, Martins Ferry  
 Michael Edward Siegel, Columbus  
 Jacquelyn Jeri Silver,  
 Greensboro, N. C.  
 Michael Elliot Slate,  
 University Heights

Charles Henry Slattery, Columbus  
 Edward Brian Slesnick, Canton  
 Susan Amelia Sliva, Cadiz  
 Rosemary Smart, Dayton  
 Audrey Schlosser Smith, Rawson  
 Terry Tilton Snow, Newark  
 Lana Galbreath Snyder, Columbus  
 Edwin Harry Solomon, Lyndhurst  
 Ann Fennig Spahr, Jeffersonville  
 Marylee Elizabeth Spain, Warren  
 Pamela Grafton Spence, Ashland  
 Marci Carol Spero, Milburn, N. J.  
 Virginia Ann Spung, Columbus  
 John Thomas Starr, Livonia, Mich.  
 Linda Jeanne Steele, Beaver, Pa.  
 Becky McDonald Stevens, Botkins  
 Sharon Elizabeth Stevens, Columbus

## College of Engineering

Dean: Harold A. Bolz

James Eugene Stillson, Columbus  
 Kevin Lee Stotts, Waynesfield  
 Robert Lewis Stout, Pataskala  
 Kathleen McMurray Straub, Delaware  
 Stephen Porter Swartz, Waynesfield  
 Vernon Jefferson Talbert, Columbus  
 Marcus Allen Taylor, Columbus  
 Mary Beth Terwoord, Berea  
 Eric Neil Tessler, Bentleyville  
 John David Thomas, Westerville  
 Joy Ellen Thompson,  
 West Manchester  
 Roxanne Tippie, Dublin  
 \*Thomas Gayle Tolan, Columbus  
 Michael Anthony Trumps, Columbus  
 \*Margaret Ruth Valentine,  
 Elma, N. Y.  
 Patricia VanTilburg, Forest  
 Mary Hofstetter Vidourek, Columbus  
 Thaddeus J. VonJasinski, III,  
 Columbus  
 A.B. (The Citadel)  
 Peggy Jo Vrabel, Mansfield  
 Gailyn Waddell, Centerville  
 Jacalyn Carol Wallace,  
 New Albany, Ind.  
 David Willingham Wand,  
 Schiller Park, Ill.  
 John Lamar Webster, Springfield  
 Richard Douglas Weinman, Toledo  
 \*Elizabeth Ann Welker,  
 East Liverpool  
 Wendell Wilbur Weller,  
 Fredericktown  
 Judith Kline White, Columbus  
 A.B. (Oberlin College)  
 Pamela Smith White, Mt. Vernon  
 Janice Armstrong Wiles, Wooster  
 Linda Sharp Wilke, Columbus  
 Lela Frances Williams, Marion  
 David Steven Wilson, Cadiz  
 Debra Cerele Wilson, Columbus  
 Gerald William Wilson, Columbus  
 Margaret A. Winegardner,  
 Belle Center  
 Marcia Arlene Wolfe, Harrisburg, Pa.  
 Edward Charles Woodman,  
 Avon Lake  
 William Anthony Young, Columbus  
 Ann Marie Zambon, Dillonvale  
 Brenda Ann Zima, Chardon

**Bachelor of Art Education and  
 Bachelor of Music Education  
 degree are offered jointly by the  
 College of The Arts and the  
 College of Education  
 Candidates are listed on page 14**

### Bachelor of Science in Aeronautical and Astronautical Engineering

One candidate

George Carl Tyler, Monroeville

### Bachelor of Science in Agricultural Engineering

Four candidates

Russell Dale Gest, Grafton  
 Robert Leroy Gibbs, Fremont  
 Paul Bruce Roseberry, Hilliard  
 Joseph Charles Thompson,  
 Colfax, Wash.

### Bachelor of Science in Ceramic Engineering

One candidate

Diane Nora Traub, Willoughby

### Bachelor of Science in Chemical Engineering

One candidate

Stephen Mark Irwin, Columbus

### Civil Engineer

One candidate

Jeremy Frank Elliot, Columbus  
 B.S.

### Bachelor of Science in Civil Engineering

Thirteen candidates

Brent William Boreman, Shelby  
 Rodney Edward Creager, Napoleon  
 Jeffrey Robert Kramer,  
 University Heights  
 Timothy Allen Lawrence, Bucyrus

\* Also Bachelor of Arts, Colleges of the Arts  
 and Sciences

Gordon Alan Lobodinsky, Lyndhurst  
 James Michael Mardis, Vandalia  
 Gurgun Muharrem,  
 Nicosia, Cyprus  
 Rashed Abdul-Aziz Al-Rashed  
 Riad, Saudi Arabia  
 James Calvin Smith, Trotwood  
 Gregory John Tierney, Martins Ferry  
 Joseph Leslie Ungvari, Cleveland  
 Robert Alexander Vajda, Columbus  
 B.A.  
 Russell Lee Wertz, Tiffin

### Bachelor of Science in Computer and Information Science

Five candidates

Paul Roy Butler, Vienna  
 Steven Mark Clemmer, Westerville  
 Rohn E Craig, Medina  
 James Thomas Roberts, Columbus  
 Janet Marie Seibert, Bryan

### Electrical Engineer

One candidate

Stephen Douglas Brown, Columbus  
 B.S.

### Bachelor of Electrical Engineering

One candidate

James Alexander Halladay,  
 Bayside, N. Y.

### Bachelor of Science in Electrical Engineering

Twenty-one candidates

Mitchell Calvin Adams, Hanoverton  
 Thomas Emanuel Alexy, Mansfield  
 Stanley Jay Bednarczyk,  
 Powhatan Point  
 Craig Ambrose Colopy, Zanesville  
 Larry Copanos, Akron  
 Jon Randolph Dials, Westerville  
 Roger Allen Eddy, Columbus

## College of Law

Dean: James C. Kirby, Jr.

Douglas Harmon Ensign, Springfield  
Michael William Heslop, Columbus  
James William Holdren, Cincinnati  
Steve Kiss, Bellaire  
Luther Joseph Mills, III, Shadyside  
B.S.Ch.E.

Dean Michael Nitschke, Perrysburg  
John William Rammel, Miamisburg  
Susan Elizabeth Ramser, Danville  
Thomas Anthony Reynolds, Dayton  
Vernon Gene Sproat, Salem  
Alan Robert Stuart, Columbus  
Albert Leon Swalley, Worthington  
Frank Lee Swanger, Shelby  
Jackie Lee Warnock, Portsmouth

### Bachelor of Science in Engineering Physics

Three candidates

George Henry Albers, Botkins  
Douglas Eugene Gingrich, Troy  
Theodore Alan Mustric, Worthington

### Bachelor of Science in Industrial and Systems Engineering

Four candidates

Orval Warren Karlen, Smithville  
Wing-Chuen Lun,  
Kowloon, Hong Kong  
Joseph Anthony Tapocsi,  
Maple Heights  
Michael John Yurgosky, Huron

### Bachelor of Science in Mechanical Engineering

Twenty candidates

Don Russell Barger, St. Paris  
Roger D. Brum, Westerville  
Cecilia Dosh-Bluhm Craig, Columbus  
Robert David Fell, Senecaaville  
Timothy Wayne Freeze, Mason  
Gregg Tracy Gilbert, Toledo  
David John Hercik,  
Cuyahoga Falls  
Francis Charles Klahn, Columbus  
Bradley Wayne Larson, Chagrin Falls  
Keith Millar Leuthold, Mansfield

Clyde Dennis McCann, Jr., Columbus  
James John Molloy, Columbus  
Roger Allen Ormiston, Elyria  
Eugene Ernest Osborne, Reynoldsburg  
Philip Michael Penn, Columbus  
Larry Lynn Richcreek, Grove City  
Mark Thomas Sondrini, Columbus  
Gregory Wayne Takacs, Chesterland  
Finis Curtis Whitt, Wickliffe  
Dale Fredrick Witte, Hamler

### Bachelor of Science in Metallurgical Engineering

Five candidates

James Harold Bauman, Euclid  
Kenneth Richard Foulke, Columbus  
Carrie Lee Maykuth, Columbus  
Paul Joseph Schasney, Newton Falls  
Robert Hall Wagoner,  
Sterling Heights, Mich.

### Bachelor of Science in Welding Engineering

Two candidates

Stephen King Madden, Mansfield  
Jeffrey Vallen Prose, Worthington

## School of Architecture

### Bachelor of Science in Architecture

Two candidates

Christopher Joseph Humphrey,  
Columbus  
David Mark Kellner, Columbus

### Bachelor of Science in Landscape Architecture

One candidate

Charles Joseph Kenzig, Columbus

### Juris Doctor

Three candidates

Susan Barnes Collins, Columbus  
B.A.

John Charles Deat, Columbus  
B.S.Bus.Adm.

Judith Kelner Weiss, Philadelphia, Pa.  
B.S. (University of Pennsylvania)

**College of Medicine**

Dean: Henry G. Cramblett, M.D.

**College of Pharmacy**

Dean: Lloyd M. Parks

**Doctor of Medicine**

Three candidates

- Michael Gregory Leadbetter,  
Brookville  
B.S. (Otterbein College)
- Francis Gregory Noveske, Elyria  
B.S. (John Carroll University)
- Peter Timothy Roemer, Solon  
B.A. (Bethel College)

**School of Allied  
Medical Professions**

**Bachelor of Science in  
Allied Health Professions**

Eight candidates

- Ronald Earl Harman, North Canton
- Roberta Ellen Khoury, Canton
- Nancy Jean Rung, Columbus
- Ronald Leon Saunders, Gallipolis
- Ben Francis Schowe, Columbus
- Anne Melinda Sexton, Celina
- James Eugene Snyder, Columbus
- Judith Marie Wechter, North Olmsted

**Certificate of Nurse Anesthetist**

Six candidates

- Michael Ray Hernicz, Hicksville
- Judith Ann Long, Dayton
- Allan Lee Miller, Hicksville
- Margaret Jo Schwartz Russell,  
Columbus
- Robert Wilkie Shepherd, Dayton
- Donald Jean Williams, Marion

**Certificate of Post Baccalaureate  
Circulation Technologist**

Two candidates

- Jerome Joseph Bartosik, Warren  
B.S.
- Jeffrey Brock Riley, Stow  
B.A. (Kent State University)

**Certificate of Post Baccalaureate  
Medical Technologist**

One candidate

- Jung-San Carolyn Huang,  
Taipei, Taiwan

**School of Nursing**

**Bachelor of Science in Nursing**

One candidate

- Coletta Ann Pycha, Garfield Heights

**Bachelor of Science in Pharmacy**

One candidate

- Richard L. Shumaker, Columbus

## Graduates With Honors

### Summa cum laude

Janet Sue Benington, Dayton  
 Charles Nicholas Bertolami, Lorain  
 Barbara Ann Bertsch, Cincinnati  
 Roger D. Brum, Westerville  
 Mary Schnug Buck, Hilliard  
 Thomas Bowers Cook, Youngstown  
 Thomas Whitney Crosby,  
 Mayfield Village  
 James Francis Eckman, Columbus  
 Jennifer Jo Elam, Middletown  
 Margaret Lucille Eshler, Barnesville  
 James Irene Franklin, Lorain  
 Mary Ann Hardin Free, Lucas  
 Donna Kluender Gallanis, Columbus  
 Joan Ann Gentry, Miamisburg  
 Diane Lola Green, Lodi  
 Delbert Haney, Gallipolis  
 Joan Marie Hayes, Toledo  
 Pamela Clare Henjum, Cincinnati  
 Mary Ellen Hulme, Youngstown  
 Margaret Siehl Huneeke, Eaton  
 Faith Lynette Justice, Kingston  
 Lynda Diane Kahn, Beachwood  
 Jack Dennis King, Mansfield  
 Paula Mae Kuehner, Columbus  
 Robin Joan Landefeld, Massillon  
 Darlene Diller Lewis, Reynoldsburg  
 Nancy Stroup Medley, Shelby  
 David Lawrence MacKnight, Madeira  
 Nancy Duffy Milburn, Columbus  
 Assad Moheimani, Columbus  
 James John Molloy, Columbus  
 Ruth Maria Molock, Cheltenham, Md.  
 Glenn Edwin Morrical, Columbus  
 Kathleen Susan Nelson,  
 Huntington Beach, Calif.  
 Susan Stranahan Parker, Columbus  
 Judy Lynn Price, Columbus  
 Carol Ann Shivers, Columbus  
 Joan Geist Short, Columbus  
 Pamela Grafton Spence, Ashland  
 Douglas Paul Starr, Mt. Vernon  
 Kevin Lynn Stayton, Sidney  
 Linda Jeanne Steele, Beaver, Pa.  
 Lesley Williams Steidley, Mansfield  
 Valerie Capodanno Stewart, Mansfield  
 Deborah Ann Theile, Cincinnati  
 Vickie Lee Thurston, Columbus  
 Frank John Trautman, Columbus  
 Elizabeth Anne VanBalen, Columbus  
 Robert Hall Wagoner,  
 Sterling Heights, Mich.  
 Judith Kelnor Weiss,  
 Philadelphia, Pa.  
 Elizabeth Ann Welker, East Liverpool  
 Thomas Angelo Wirtanen,  
 Chelmsford, Mass.

### Summa cum laude and with Distinction in Agronomy

Dennis Philip Garrity, Cleveland

### Summa cum laude and with Distinction in Animal Science

Theresa Anne Brim, Findlay  
 William Joseph Otto, Cincinnati

### Summa cum laude and with Distinction in Biochemistry

Stephen Kent Powers, Columbus

### Cum laude

Mark Bartholomew Adams, Dayton  
 Laura Neece Baltaro, Columbus  
 Heather Ann Beatty, Canton  
 Robert Richard Beebe, Cincinnati  
 Loris Paul Bemederfer, Columbus  
 Hayes Ronald Berk, Youngstown  
 Lynette Sue Boyce, Columbus  
 John Michael Bozick, Adena  
 Robert James Brancatelli,  
 Parma Heights  
 Marcia Ruth Canine, Rocky River  
 Mark Steven Coco, Alliance  
 Connie Hurst Codispoti, Kettering  
 Susan Barnes Collins, Columbus  
 Connie Candler Corkwell, Columbus  
 John Charles Deal, Columbus  
 David James Delnostro,  
 Highland Heights  
 Robert E. Ellis, North Canton  
 Constance Jean Fitzsimmons,  
 Columbus  
 Deborah Atttridge Floyd, Cincinnati  
 Michael Joseph Gade, Seven Hills  
 David Lloyd Gill, Columbus  
 Mary Ann Gray, South Euclid  
 Lorice Ellen Green, South Euclid  
 Suzanne Clara Grillo, Jackson  
 Richard Anthony Guzzo,  
 Reynoldsburg  
 Susan Lynn Guzzo, Columbus  
 Pamela Jeanne Hahn, Sandusky  
 James Alexander Halladay,  
 Bayside, N. Y.  
 Linda Louise Halsey, Marion  
 David Alan Hance, Piqua  
 Patricia Ledinsky Hauser,  
 South Bend, Ind.  
 Karl Ray Hiltner, Dover  
 Mark David Holmes, Westlake  
 Holly Elizabeth Huber, Worthington  
 Charles Robert Jones, Reynoldsburg  
 Burton Wayne Job, Warren  
 Carol Ann Jones, Lima  
 Linda Elise Kalette, Syracuse, N. Y.  
 Louann Sue Kent, Newark  
 Daniel Lee Kessler, Columbus  
 Richard Russell Kneisley, Dayton  
 Robert Edward Kneisley, Dayton  
 Sue Jane Knox, Euclid  
 Nancy Jane Koib, Centerville  
 Charles Joseph Laufersweiler,  
 Columbus  
 Kenneth David Lebda, Columbus  
 Carl Alan Legg, Athens  
 Christopher George Lohman,  
 Columbus  
 Deborah June Longley, Akron  
 Beth Ann Lymanstall, Defiance  
 Don Wesley Martin, Worthington  
 John Jared McClintock, Columbus  
 Laura Lissa McKinney, Portsmouth  
 Leah Ethel Meyer, University Heights  
 Marlene Woolun Monnett, Columbus  
 Thomas Michael Murphy, Athens  
 Ronald Alan Neff, Columbus  
 Debra Ann Newman,  
 Miami Beach, Fla.  
 Rebecca Anne Niedecken, Delphos  
 Joyce Margaret O'Brien, Columbus  
 Patrick Joseph O'Farrell, Columbus  
 Sandra Oliver, Columbus  
 Mary Elizabeth Overmyer, Elmore  
 Richard Dickson Owens, Jeffersonville  
 Barbara Louise Parker, Warren  
 Mark Anthony Penn, Mt. Gilead  
 Harold George Pryor, Cleveland  
 Nancy Smith Purvis, Columbus  
 Nancy Christine Rafeld, Columbus  
 Peggy Anne Reed, Toledo  
 Alan Ralph Rendina, Columbus  
 Dale Edward Reno, Washington C. H.  
 Judith Larson Reynolds, Columbus  
 Martin Thomas Rini, Columbus  
 Lola Ellen Roles, Granville  
 John Leland Romine, Pataskala  
 Judy Ann Ruth, Marion  
 J. Michael Sarnovsky, Elyria  
 Eric Christian Schlanser, Cincinnati  
 James Michael Schultz, Lyndhurst  
 Diane Cook Semon, Columbus  
 Joseph James Shaded, Akron  
 Jacquelyn Jeri Silver,  
 Greensboro, N. C.  
 H. Kent Slater, Oberlin  
 Lana Galbreath Snyder, Columbus  
 Kevin Lee Stotts, Waynesfield  
 Gwendolyn Sue Stukey, Columbus  
 Nan Sue Teitelbaum, Bellbrook  
 Nancy Kay Teton, Los Angeles, Calif.  
 Catherine Marie Turocy,  
 Chagrin Falls  
 Michael Robert Urban, Painesville  
 Daniel Edwin Walker, Columbus  
 Joseph Frances Walsh, Springfield  
 Alan Robert Weber, Cincinnati  
 Elizabeth Ann Welker, East Liverpool  
 Paul Frederick White, Jr., Columbus  
 Klaus Heinz Wiesmann, Cincinnati  
 Joseph Anthony Wildi, Columbus  
 Janice Armstrong Wiles, Wooster  
 Barbara Susan With, Cincinnati  
 Cynthia Rose Wutchiett, Cleveland  
 Brenda Ann Zima, Chardon

**Cum laude and with  
Distinction in English**

Cathy Coffman Howard, Waynesville  
Richard Campbell Jenkinson,  
York, Pa.

**Cum laude and with  
Distinction in Entomology**

Glenn Robert Edgecombe,  
Fairview Park

**Cum laude and with  
Distinction in Genetics**

James Paul Girves, Columbus

**Cum laude and with  
Distinction in History of Art**

Susan Catherine Smith, Chesterland

**Cum laude and with  
Distinction in Home Economics**

Marilyn Sue Hufford, Troy

**Cum laude and with  
Distinction in International Studies**

Daniel Robert Moreland, Columbus

**With Distinction in Agricultural  
Economics**

David Lee Hague, Senecaville

**With Distinction in History**

Philip Realmuto, Brooklyn, N. Y.

**With Distinction in Horticulture**

Blake Eugene Rafeld, Ashland

**With Distinction in Rural Sociology**

Ted Paul Becker, Eaton

**With Distinction in Theatre**

Jennifer Lee, Columbus



Page 427 Blank

Page 428 Blank

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND NINETY-FIFTH MEETING  
OF THE BOARD OF TRUSTEES

Lima, Ohio, April 5, 1974

The Board of Trustees met at its regular monthly meeting on Friday, April 5, 1974, at The Ohio State University Lima Regional Campus, Lima, Ohio, pursuant to adjournment.

Present: Don M. Hilliker, Chairman, William C. Safford, John H. Dunlap, M. Merle Harrod, John L. Gushman, Howard D. Sirak, and Patricia D. James.

\*

\*

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Minutes of the last meeting were approved.

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Mr. Hilliker expressed the appreciation and pleasure of the Board to the staff of the Lima Campus for having the opportunity to meet in such beautiful surroundings. He also stated that all of those who had the foresight, energy, and money to develop the Lima Campus were to be congratulated.

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Mr. Hilliker indicated that action on the proposed rate increase for Buckeye Village which was postponed at the March 1, 1974 meeting would be taken up at the May meeting of the Board.

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President Enarson concurring in the comments of the Chairman said he was pleased to be meeting on the Lima Campus which along with the other Regional Campuses are an essential part of The Ohio State University.

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#### RESOLUTIONS IN MEMORIAM

President Enarson reported to the Board the deaths of Francis I. Bell, County Extension Agent Emeritus in the Cooperative Extension Service; Robert Clifford Chase, Instructor in the Department of Preventive Medicine; Florence M. Harvey, Professor Emeritus in the School of Nursing; Joseph F. Haskins, Professor Emeritus in the Department of Chemistry; Paul N. Lehoczky, Professor Emeritus in the Department of Industrial and Systems Engineering; Gladys E. Scott, Instructor Emeritus in the University Libraries; Francis Lee Utley, Professor in the Department of English; and John F. Williams, Jr., Assistant Professor in the Department of English. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

##### A. Francis I. Bell

The Board of Trustees of The Ohio State University expresses its sorrow at the death on February 19, 1974, of Francis I. Bell, County Extension Agent Emeritus in the Cooperative Extension Service.

Mr. Bell was born September 13, 1901, in Zanesfield, Ohio. He was graduated from West Mansfield High School in 1919. He received a Bachelor of Science in Agriculture degree from The Ohio State University in 1923. Additional education towards a Master of Science degree in Agricultural Economics was undertaken in 1925 and 1930 at Ohio State, in 1939 at Cornell University, plus additional work at Purdue, Wisconsin, and Colorado A & M.

RESOLUTIONS IN MEMORIAM (continued)

A. Francis I. Bell (continued)

Prior to joining the faculty of The Ohio State University on August 1, 1926, Mr. Bell was employed as vocational agriculture teacher in both Fayette and Williams Counties. His entire Cooperative Extension career was in Williams County. He retired on January 31, 1964. In 1952 and 1953, Mr. Bell served as an Extension Specialist in Agriculture with the Foreign Agriculture Service of the United States Department of Agriculture. His assignment was in India and a leave of absence was granted from the Williams County Agricultural Agent position.

Mr. Bell was a dedicated and highly respected leader in Williams County as well as among his peers within and beyond the State of Ohio. Mr. Bell was active in the affairs of the Ohio Cooperative Extension Agents' Association. He will be remembered for his contribution as an educational leader in Williams County. The impact of his leadership is felt in the dairy industry and with both agronomy and farm management education programs.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Bell its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and a copy be tendered to Mrs. Bell as sincere appreciation of the Board's realization of the loss which the family, the University, his many friends and associates have sustained.

B. Robert Clifford Chase

The Board of Trustees of The Ohio State University expresses its sorrow at the death on February 3, 1974, of Robert Clifford Chase, Instructor in the Department of Preventive Medicine.

Robert Chase was born in Piercefield, New York, on April 2, 1929. He was graduated from the University of Maine in 1953, with the degree of Bachelor of Science in Chemical Engineering. He became a member of the Society of Professional Engineers and continued to work at the University of Maine as Instructor in Engineering. He also pursued graduate studies and earned the degree of Master of Science in Chemical Engineering in 1956. He first came to The Ohio State University in 1959 and spent one year as Instructor in the Department of Chemical Engineering. He then returned to the University of Maine as Associate Professor of Chemical Engineering, from 1960 to 1964. In 1965, he returned to The Ohio State University to pursue further studies and to serve as Math Analyst at the Computer Center.

Robert Chase had a rare combination of skills in computer science and engineering and a talent for adapting these skills to needs for information science and technology in medicine. This arose not out of his formal educational background alone, but rather out of unique vision and the ability to synthesize the concepts of several fields. In October, 1966, he was invited to join the Department of Preventive Medicine, where he served with distinction to the time of his death on February 3, 1974.

April 5, 1974 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (continued)

B. Robert Clifford Chase (continued)

In the course of his activities in the Department of Preventive Medicine, Robert Chase participated in numerous studies that resulted in scientific publications. His versatility is exemplified by the titles of his papers that include medical data processing, engineering applications in medical research, studies of human performance under stress, and the assessment of health care.

In 1969, Robert Chase was appointed Associate Director of the Biometrics Laboratory of the Department of Preventive Medicine. Together with his colleagues in the Laboratory he served over 400 faculty, students, and research fellows in the design of biomedical investigations and the analysis of research data. This devoted work was responsible for significant augmentation of the research capability of the College of Medicine and of related programs throughout the University. He also served on the Coordinating Committee of the Biomedical Engineering Center of The Ohio State University.

On behalf of the University, the Board of Trustees expresses to his family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

C. Florence M. Harvey

The Board of Trustees of The Ohio State University expresses its sorrow at the death on February 3, 1974, of Florence M. Harvey, Professor Emeritus in the School of Nursing.

Miss Harvey had been associated with The Ohio State University from 1951 until her retirement in June, 1972. In 1951 she accepted a faculty position in the School of Nursing while also assuming the responsibilities as Director of Psychiatric Nursing at Upham Hall (then the Columbus Psychiatric Institute and Hospital). While serving in this dual position, Miss Harvey, in collaboration with several others, designed and implemented a six-months nurse residency program for psychiatric nurses lasting from 1956 to 1961.

It was through Miss Harvey's efforts that a course in psychiatric nursing became an integral part of the undergraduate nursing curriculum at The Ohio State University. Prior to Miss Harvey's coming to The Ohio State University, students had had to affiliate with psychiatric institutions in Toledo, New York, and Chicago. In 1967 Miss Harvey resigned her position as Director of Nursing Service at Upham Hall to devote full-time efforts to the School of Nursing.

A native of Dover-Foxcroft, Maine, Miss Harvey earned her baccalaureate degree from Columbia University Teachers College and a Master of Education degree from The Ohio State University. From 1934 until coming here Miss Harvey had held a variety of positions in nursing including staff nurse

RESOLUTIONS IN MEMORIAM (continued)

C. Florence M. Harvey (continued)

and head nurse positions; faculty positions in such institutions as Butler Hospital School of Nursing, Cornell University-New York Hospital School of Nursing, University of Michigan School of Nursing, and the Johns Hopkins Hospital School of Nursing; director of nursing in the Westchester Division of The New York Hospital, Henry Phipps Psychiatric Clinic (Johns Hopkins Hospital), and Spring Grove State Hospital in Catonsville, Maryland.

Miss Harvey was active in the Central Ohio League for Nursing and the Mid-Ohio District Nurses Association. She served for several years on the Nursing Service Committee of the Columbus Hospital Federation. From 1962 until 1967 Miss Harvey was a nursing service consultant to the Veterans Administration Hospitals at Brecksville and Chillicothe, Ohio. From 1952 to 1962 Miss Harvey was a member of the Nursing Service and Educational Committee of the Ohio Division of Mental Hygiene and Correction. Other professional activities included membership in the American Association of University Professors, and Sigma Theta Tau, a nursing honorary.

On behalf of the University, the Board of Trustees expresses to her family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

D. Joseph F. Haskins

The Board of Trustees of The Ohio State University expresses its sorrow at the death on December 18, 1973, of Joseph F. Haskins, Professor Emeritus in the Department of Chemistry.

Professor Joseph F. Haskins was born in St. Joseph, Michigan, August 1, 1891. He began his career in chemistry at Denison University where he obtained a B.S. degree in 1914 and the M.S. degree in 1917. After service as a First Lieutenant in the Army Air Force in World War I, he entered The Ohio State University where he worked as a Teaching Assistant while earning the Ph.D. degree in chemistry in 1922 under the supervision of the late Professor William McPherson. He then joined the faculty at the College of Wooster as an Instructor in Chemistry; he was advanced to the position of Assistant Professor in 1923, and to Professor in 1924. While at Wooster he served as Visiting Assistant Professor of Chemistry at Ohio State during the Summers of 1924, 1925, 1926, and 1927. He served as Professor of Chemistry at Wooster until 1929, at which time he joined the technical staff of E. I. du Pont de Nemours and Company, Wilmington, Delaware. At du Pont he served as a Research Laboratory Supervisor until 1936. In 1936 he accepted a position as a Special Research Chemist with the Canadian International Paper Company in Hawkesbury, Ontario. In 1942 he moved to Columbus, Ohio, to accept the position of Professor of Chemistry, a position he held until retirement in 1961 to become Professor Emeritus.

April 5, 1974 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (continued)

D. Joseph F. Haskins (continued)

Professor Haskins' research was concerned with the chemistry of cellulose and its derivatives, an area in which he made a number of inventions covered by U. S. Patents and authored several papers for publication in scientific journals. He was a co-author of textbooks and laboratory teaching manuals in General Chemistry. Dr. Haskins was a member of the American Chemical Society, Phi Beta Kappa, Sigma Xi, and Phi Lambda Upsilon.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

E. Paul N. Lehoczky

The Board of Trustees of The Ohio State University expresses its sorrow at the death on February 25, 1974, of Paul N. Lehoczky, Professor Emeritus in the Department of Industrial and Systems Engineering.

Born in Pittsburgh, Professor Lehoczky was a graduate of Case Institute of Technology in 1927. He received his Master of Science degree in 1928 and his Ph.D. degree in 1931, both from The Ohio State University. He joined the faculty of Ohio State in 1928 and was instrumental in the creation and development of the Department of Industrial and Systems Engineering. He became Chairman of the Department in 1944 and served in that position until 1964. In 1965 he retired as Professor Emeritus. He served the University in many ways, leading his Department to a position of national prominence, creating the first five-year program in Industrial Engineering and participating actively in major boards and committees.

Dr. Lehoczky's service to a variety of government and industrial agencies included appointment by President Eisenhower to a three-man fact-finding board required under provisions of the Taft-Hartley Act to inquire into the steel strike of 1959. His arbitration practice was chiefly in the steel, steel products, glass, chemical, rubber, aircraft, and metal-working industries, as well as the iron mines.

In recent years he had been a permanent arbitrator for a number of contracts including Goodyear Aerospace--United Auto Workers; White Pine Copper Co. and USW; De Havilland (Toronto) and U. A. W.; National Electric Coil and I. W. E.; PPG Industries and UGCWA; Hanna Mining--United Steel Workers; Pickands Mather--USW; Westinghouse E & M--International Union of Electrical Workers (work standards), and others. Earlier he served in a similar capacity for the Pittsburgh Plate Glass Co. for ten years. He was chairman of a three-man board empowered to write sections of the labor contract after a 142-day strike between Pittsburgh Plate Glass and the United Glass and Ceramic Workers. He served in a similar capacity for the Springfield, Ohio, newspapers and printing pressmen.



RESOLUTIONS IN MEMORIAM (continued)

E. Paul N. Lehoczky (continued)

On behalf of the University, the Board of Trustees expresses to his family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

F. Gladyce E. Scott

The Board of Trustees of The Ohio State University expresses its sorrow at the death of Gladyce E. Scott, Instructor Emeritus in the University Libraries, on September 25, 1973.

Gladyce E. Scott was born December 11, 1904, in Lancaster, Ohio. She obtained a B. A. degree in 1927 from Ohio Wesleyan University where she then was employed in the library until 1928. Miss Scott attended the University of Illinois in 1929 where she earned the B.S.L.S. degree. During the Summer of 1929, Miss Scott served as a librarian at the Akron Public Library.

On September 1, 1929, Miss Scott joined the staff of The Ohio State University Libraries where she served continuously as Librarian-in-Charge of Binding until her retirement in 1968.

During her career with the University Libraries, Miss Scott contributed ideas as well as many years of service to the improvement of all technical service areas and especially the area of binding for which she was responsible. On problems of binding and collection preservation, her assistance was constantly sought, reflecting her devotion to the profession and to the University. Throughout her career, Miss Scott earned and maintained the respect of her colleagues.

On behalf of the University community, the Board of Trustees expresses to the family and friends its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family and friends as a sincere expression of sympathy and respect.

G. Francis Lee Utley

The Board of Trustees of The Ohio State University expresses its sorrow at the death of Francis Lee Utley, Professor in the Department of English, on March 8, 1974.

Professor Utley was born in Watertown, Wisconsin, in 1907, and was a graduate of the University of Wisconsin. He received M.A. and Ph.D. degrees from Harvard, the latter in 1936.

RESOLUTIONS IN MEMORIAM (continued)

G. Francis Lee Utley (continued)

In 1935 Professor Utley joined the faculty of The Ohio State University, where he served long and brilliantly as teacher, scholar, and citizen of the academic community. He attained the rank of Professor in 1947, and in 1973 was honored by being named the first Professor of English and Folklore at this institution. Throughout his career he published frequently in the fields of medieval and modern literature, linguistics, and folklore. His best-known book was The Crooked Rib, a study of medieval stereotypes of women; but he was also the author of countless articles and notes, and the editor of a number of studies of literary figures and phenomena. At the time of his death he was working on a major research project dealing with apocryphal stories of the flood. His research had been supported by three Guggenheim Fellowships.

Professor Utley was internationally known and respected as a scholar. He was past national president of the American Folklore Society, the College English Association, and the American Name Society. He was also an officer of the Ohio Academy of Science, a member of the Executive Board of the Modern Language Association, and a fellow of the American Folklore Society and the American Anthropological Association. He lectured in Padua, Rome, Oxford, Uppsala, and Helsinki. He was instrumental in establishing the American place-name survey and the Center for Medieval and Renaissance Studies at Ohio State.

On behalf of the University community, the Board of Trustees expresses to the family of Professor Utley its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of sympathy and respect.

H. John F. Williams, Jr.

The Board of Trustees of The Ohio State University expresses its sorrow at the death on February 11, 1974, of John F. Williams, Jr., Assistant Professor in the Department of English.

Professor Williams was born in Boston, Massachusetts, in 1939, and received his B.A. degree from Dartmouth College. He received his M.A. degree from Indiana University in 1967 and did further graduate work there. He was appointed Assistant Professor of English at The Ohio State University in 1970. Professor Williams was a member of the Modern Language Association and the American Association of University Professors.

On behalf of the University, the Board of Trustees expresses to the family and his friends its deep sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

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President Enarson presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Revision of Rule 43.02 of Rules for the University Faculty

During the past several years a number of graduate programs in this country have begun to experience a drop off in applicants and in enrollments. Because of this growing trend, more and more universities are finding it necessary to increase their recruitment efforts to sustain their current enrollment levels. With this effort many of the major institutions either have or are in the process of revising the application process to make it less onerous, including deferring the payment of an Application Fee until such a time that the students are accepted in the program.

President Enarson recommended that this University adopt a similar procedure whereby the \$10 fee for those applying to the Graduate School of this University is deferred and incorporated into the Acceptance Fee which will be increased from \$15 to \$25. The Rule which must be amended to achieve this change in fee structure is attached.

43.02. Application and Acceptance Fees.\*

Section 1. Undergraduate. Undergraduate applications for first admission to the University must be accompanied by an Application Fee of \$10. This fee is non-refundable and is not credited against any other fees charged by the University.

Section 2. A non-refundable Acceptance Fee in the amount of \$25 is assessed all students enrolling for the first time in one of the University's undergraduate degree-granting colleges or schools or University College. The Acceptance Fee is to be paid within three weeks following notification of official admission, in all cases prior to orientation, or within two weeks prior to the final date for registration.

Section 3. Professional. Professional applications for first admission to the University must be accompanied by an Application Fee of \$10. This fee is non-refundable and is not credited against any other fees charged by the University.

Section 4. A non-refundable Acceptance Fee in the amount of \$15 is assessed all students enrolling for the first time in one of the professional colleges of The Ohio State University. Payment is to be made at the time registration forms are requested.

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\*Rule initiated by Board of Trustees.

April 5, 1974 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Revision of Rule 43.02 of Rules for the University Faculty (continued)

43.02. Application and Acceptance Fees.\* (continued)

Section 5. Graduate. A non-refundable Acceptance Fee in the amount of \$25 is assessed all students enrolling for the first time in the Graduate School of the University. Payment is to be made at the time registration forms are requested.

Upon motion of Mr. Safford, seconded by Mr. Gushman, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

B. Reprinted Sections--Bylaws of the Board of Trustees and Rules for the University Faculty

Two sections of the publication--Bylaws of the Board of Trustees and Rules for the University Faculty--have been reprinted to conform with changes which have been approved by the Board of Trustees since the last publication in March, 1973.

President Enarson recommended that these two reprinted sections be accepted as the official publication of the Board of Trustees.

Upon motion of Mrs. James, seconded by Mr. Gushman, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

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II. PERSONNEL ACTIONS

Personnel actions since the March 1, 1974 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Appointments, Leaves of Absence Without Salary, and Emeritus Titles:

A. Appointments

Joseph R. Bianchine, Professor and Chairman, Department of Pharmacology, effective July 1, 1974, at a salary of \$35,208 per annum.

Samuel H. Osipow from Professor and Acting Chairman to Professor and Chairman, Department of Psychology, effective April 1, 1974, at a salary of \$25,588 per annum.

Heinz P. Pieper from Professor and Acting Chairman to Professor and Chairman, Department of Physiology, effective April 1, 1974, at a salary of \$30,648 per annum.

April 5, 1974 meeting, Board of Trustees

II. PERSONNEL ACTIONS (continued)

B. Leaves of Absence Without Salary

Anthimos J. Christoforidis, Professor, Department of Radiology, effective April 1, 1974 through April 30, 1974, for personal reasons.

Jean Rhoad, Assistant Professor, Lima Campus, effective April 1, 1974 through June 30, 1974, for personal reasons.

Gale Marie Baumgardner, Instructor, Cooperative Extension Service, effective April 1, 1974 through June 30, 1974, to participate in a program of professional improvement at Kansas State University of Agriculture and Applied Science, Manhattan, Kansas.

Bonnie Lu Stultz, Instructor, School of Nursing, effective April 1, 1974 through June 30, 1974, for personal reasons.

C. Emeritus Titles

Richard H. Baker, Department of Agricultural Economics and Rural Sociology, with the title Professor Emeritus, effective May 1, 1974.

Leland D. Schuler, Cooperative Extension Service, with the title Associate Professor Emeritus, effective April 1, 1974.

President Enarson recommended that the Appointments, Leaves of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Dunlap, seconded by Dr. Sirak, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

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April 5, 1974 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

President Enarson recommended that the following contracts and grants negotiated and monies received for the month of February be accepted.

Summary for February 1974

	No. of Projects	Support Level
Office of Fiscal Affairs and the Treasurer of the University	21	\$2,623,774.00
The Ohio State University Research Foundation	26	835,210.00
The Engineering Experiment Station	1	<u>14,833.00</u>
		\$3,473,817.00
	(Donors)	
The Ohio State University Development Fund	780	198,741.10

A detailed listing of the items in each section is shown on the following pages.

Upon motion of Mr. Safford, seconded by Mr. Gushman, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the report from the Office of Fiscal Affairs and the Treasurer of the University and The Ohio State University Development Fund, including the establishment of named funds, were approved by unanimous voice vote.

April 5, 1974 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

A. Office of Fiscal Affairs and the Treasurer of the University

1. Federal Contracts/Grants

- a. \$789,920.00 additional grant from Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., for Vocational Development and Adjustments - Career Planning Support System, under the direction of Center for Vocational and Technical Education, for period March 1, 1973 through January 31, 1976. (Contract No. NE-C-00-3-0079, Modification No. 3)
- b. \$394,000.00 additional grant from Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., for Cooperative Development of Performance Based Curricular Systems for Vocational Education Personnel, under the direction of Center for Vocational and Technical Education, for period March 1, 1973 through July 31, 1976. (Contract No. NE-C-00-3-0077, Modification No. 3)
- c. \$308,000.00 additional grant from Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., for Instructional Systems Design, under the direction of Center for Vocational and Technical Education, for period March 1, 1973 through January 31, 1976. (Contract No. NE-C-00-3-0078, Modification No. 4)
- d. \$250,000.00 additional grant from Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., for Information, Evaluation, and Planning Systems for Vocational Education, under the direction of Center for Vocational and Technical Education, for period March 1, 1973 through July 31, 1975. (Contract No. NE-C-00-3-0076, Modification No. 3)
- e. \$152,517.00 additional grant from Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, for General Research Support Grant, under the direction of College of Medicine, for period January 1, 1973 through December 31, 1973. (Grant No. 3 S01 RR05409-12S1)
- f. \$146,250.00 additional grant from Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., for Diffusion Strategies for Career Education, under the direction of Center for Vocational and Technical Education, for period March 1, 1973 through October 31, 1975. (Contract No. NE-C-00-3-0080, Modification No. 3)
- g. \$142,016.00 additional grant from Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, for Health Professions Special Project Grant Program, under the direction of College of Medicine, for period July 1, 1973 through June 30, 1974. (Grant No. 3 D08 PE 00110-04, Supplement)

April 5, 1974 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

A. Office of Fiscal Affairs and the Treasurer of the University (continued)

1. Federal Contracts/Grants (continued)

- h. \$86,129.00 additional grant from Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, for Research and Faculty Training in Dental Anesthesiology, under the direction of College of Dentistry, for period March 1, 1974 through June 30, 1974. (Grant No. 3 T01 DE00291-02S1)
- i. \$84,603.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, for Biomedical Computing and Information Processing, under the direction of College of Medicine, for period April 1, 1974 through June 30, 1975. (Grant No. 1 T01 LM00159-01)
- j. \$36,228.00 additional grant from Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, for Health Professions Special Project Grant Program, under the direction of College of Dentistry, for period July 1, 1973 through June 30, 1975. (Grant No. 3 D08 PE 01205-02S1)
- k. \$30,278.00 additional grant from Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, for General Research Support Grant, under the direction of College of Pharmacy, for period January 1, 1973 through December 31, 1973. (Grant No. 3 S01 RR05607-07S1)
- l. \$27,000.00 additional grant from Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, for Surgery - Training Grant, under the direction of Department of Surgery, for period March 1, 1974 through June 30, 1974. (Grant No. 3 T01 GM01539-08S1)
- m. \$26,664.00 additional grant from Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, for Comparative Pathology - Training Grant, under the direction of Department of Veterinary Pathobiology, for period March 1, 1974 through June 30, 1974. (Grant No. 3 T01 GM01052-11S1)
- n. \$25,648.00 additional grant from Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, for Pharmacology - Training Grant, under the direction of Department of Pharmacology, for period March 1, 1974 through June 30, 1974. (Grant No. 3 T01 GM01417-09S1)



III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

A. Office of Fiscal Affairs and the Treasurer of the University (continued)

1. Federal Contracts/Grants (continued)

- o. \$17,417.00 granted by National Science Foundation, Washington, D. C., for An Implementation Project in Secondary School Science, under the direction of Academic Faculty of Science and Mathematics Education, for period February 1, 1974 through January 31, 1975. (Grant GW-4873, Proposal No. 4/00494)
- p. \$16,867.00 granted by National Science Foundation, Washington, D. C., for An Implementation Project in Secondary School Science, under the direction of Academic Faculty of Science and Mathematics Education, for period February 1, 1974 through January 31, 1975. (Grant GW-8474, Proposal No. 4/00334)
- q. \$12,329.00 additional grant from Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, for Special Project Grants for Preceptorship Training, under the direction of Department of Pediatrics, for period July 1, 1973 through June 30, 1974. (Grant No. 3 D08 PE 08018-02, Supplement)
- r. \$10,556.00 additional grant from Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, for Clinical Chemistry - Training Grant, under the direction of Department of Pathology, for period March 1, 1974 through June 30, 1974. (Grant No. 3 T01 GM01805-06S1)
- s. \$9,352.00 additional grant from Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, for Otolaryngology and Audiology - Training Grant, under the direction of Department of Otolaryngology, for period July 1, 1973 through June 30, 1974. (Grant No. 3 T01 NS05397-11S1)

TOTAL - Federal Contracts/Grants \$2,565,774.00

2. State of Ohio Contract/Grant

- a. \$24,000.00 granted by State of Ohio, Department of Health, Columbus, Ohio, for developing and implementing the Special Supplemental Food Program for Women, Infants and Children, under the direction of The Ohio State University Hospitals, Out Patient Department, for period March 1, 1974 through June 30, 1974.

April 5, 1974 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

A. Office of Fiscal Affairs and the Treasurer of the University (continued)

3. Industrial and Other Contract/Grant

- a. \$34,000.00 granted by Fayette County Board of Education, Fayetteville, West Virginia, for planning of new school plant facilities-- four new high schools, four new elementary schools, and six major renovation projects, under the direction of Academic Faculty of Educational Administration, for period February 1, 1974 through September 30, 1974.

B. The Ohio State University Research Foundation

1. Federal Research Contracts/Grants

- a. \$119,718.00 from Department of the Air Force, Rome Air Development Center, Griffiss Air Force Base, New York, for Laser Absorption Studies in the 5 Micron Band, under the direction of Department of Electrical Engineering, for period June 23, 1971 through August 31, 1974. (Project 3271-A1 - Mod. #P00005)
- b. \$82,000.00 additional funds from Department of the Army, Defense Supply Service, Washington, D. C., for The Utilization of the Behavioral Sciences in Long Range Forecasting and Policy Planning, under the direction of Department of Political Science. (Project 3527-A1 - Mod. #P0001)
- c. \$71,207.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, for Biochemical Mechanism in Cardiac Hypertrophy, under the direction of Departments of Pathology and Medicine, for period March 1, 1974 through February 28, 1975. (Project 3405-A3 - Ext. #2)
- d. \$57,720.00 from Environmental Protection Agency, National Environmental Research Center, Research Triangle Park, North Carolina, for Mechanisms of Photochemically Initiated Oxidations, under the direction of Department of Chemistry, for period January 1, 1974 through December 31, 1974. (Project 1220-N - Ext. #13)
- e. \$57,374.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, for Household Formation, Fertility, and Market Activity, under the direction of Department of Economics, for period February 1, 1974 through January 31, 1975. (Project 3629-A2 - Ext. #1)

April 5, 1974 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts/Grants (continued)

- f. \$55,399.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, for Central Oncology Group, under the direction of Department of Surgery, for period February 1, 1974 through January 31, 1975. (Project 3167-A4 - Ext. #3)
- g. \$54,114.00 additional funds from Environmental Protection Agency, Washington, D. C., for Lake Erie Nutrient Control Program: An Assessment of Its Effectiveness in Controlling Lake Eutrophication, under the direction of College of Biological Sciences. (Project 3705-A1 - Amend. #1)
- h. \$45,460.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, for Psychoactive, Anticonvulsant, Antiparkinsonism Drugs, under the direction of College of Pharmacy, for period February 1, 1974 through January 31, 1975. (Project 3394-A2 - Ext. #1)
- i. \$27,363.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, for General Research Support Grant, under the direction of College of Veterinary Medicine, for period January 1, 1974 through December 31, 1974. (Project 2776-A5 - Ext. #5)
- j. \$27,096.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, for General Research Support Grant, under the direction of College of Veterinary Medicine, for period January 1, 1973 through December 31, 1974. (Project 2776-A4 - Sup. #S1)
- k. \$25,000.00 from Department of the Air Force, Rome Air Development Center, Griffiss Air Force Base, New York, for Atmospheric Effects on Space Object Imagery, under the direction of Department of Electrical Engineering, for period January 14, 1974 through October 14, 1974. (Project 3862-A1 - New)
- l. \$22,946.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, for a Stereospecific Functionalization of Aromatic Amines, under the direction of Department of Chemistry, for period March 1, 1974 through February 28, 1975. (Project 3878-A1 - New)

April 5, 1974 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts/Grants (continued)

- m. \$17,280.00 from Environmental Protection Agency, National Environmental Research Center, Research Triangle Park, North Carolina, for Mechanisms of Photochemically Initiated Oxidations, under the direction of Department of Electrical Engineering, for period January 1, 1974 through December 31, 1974. (Project 1220-N1 - Ext. #9)
- n. \$16,240.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, for Synthesis of B-Glycosyl Nucleotides, under the direction of Department of Biochemistry, for period February 1, 1974 through January 31, 1975. (Project 3876-A1 - New)
- o. \$15,375.00 from U. S. Civil Service Commission, Washington, D. C., for Course Materials, under the direction of College of Administrative Science, Division of Continuing Education, for period July 1, 1973 through June 30, 1974. (Project 3808-F1 - New)
- p. \$15,000.00 from National Aeronautics and Space Administration, Washington, D. C., for GEOP--Geodesy/Solid-Earth and Ocean Physics Research Conferences, under the direction of Department of Geodetic Science, for period February 22, 1972 through December 31, 1974. (Project 3511-A1 - Mod. #4)
- q. \$10,175.00 from Department of the Air Force, Office of Scientific Research, Arlington, Virginia, for Transport Phenomena in Highly Ionized Shock Heated Gases, under the direction of Department of Aeronautical and Astronautical Engineering, for period March 15, 1974 through September 14, 1974. (Project 3881-A1 - New)
- r. \$7,500.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Dental Research, Bethesda, Maryland, for Effect of Periodontopathies on Periodontal Mechanics, under the direction of Department of Physiology, for period February 1, 1974 through January 31, 1975. (Project 3392-A3 - Ext. #2)
- s. \$5,000.00 from Department of the Air Force, Air Force Systems Command, 4950th Test Wing, Wright Patterson Air Force Base, Ohio, for Permanent and Temporary Shifts in Hearing Threshold Produced by Exposure to Air Force Noise, under the direction of Department of Otolaryngology, for period March 1, 1974 through December 15, 1976. (Project 3873-A1 - New)

April 5, 1974 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts/Grants (continued)

- t. \$3,014.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, for Blood PO<sub>2</sub> - Artery QO<sub>2</sub> Relationship and Atherosclerosis, under the direction of Department of Physiology, for period January 1, 1973 through March 31, 1974. (Project 1800-J - Sup. #1)
- u. \$2,400.00 from National Science Foundation, Washington, D. C., for Productivity of Tundra Lichens in the Prudhoe Bay Region: Physiological Ecology of Arctic Bryophytes, under the direction of Institute of Polar Studies, for period April 1, 1972 through March 31, 1975. (Project 3462-A1 - Ltr. Dtd. 1/21/74)
- v. \$1,998.00 from U. S. Department of Agriculture, Animal and Plant Health Inspection Service, Scientific and Technical Services, Washington, D. C., for The Statistical Evaluation of Age Determinants in Calves Used for Meat Production, under the direction of Department of Veterinary Preventive Medicine, for the period February 1, 1974 through August 31, 1974. (Project 3880-A1 - New)

TOTAL - Federal Research Contracts/Grants \$739,379.00

2. Industrial, Subcontracts/Grants, and Other  
Non-Federal Research Contracts/Grants

- a. \$80,549.00 from The John A. Hartford Foundation, Inc., New York, New York, for The Pharmacologic Control of Portal Hypertension, under the direction of Department of Surgery, for period February 1, 1974 through January 31, 1975. (Project 3386-A3 - Dtd. 1/7/74)
- b. \$8,500.00 from The Ohio Program in the Humanities, Columbus, Ohio, for A Videotape Concerning Rape, under the direction of OSU Libraries, for period January 1, 1974 through May 31, 1974. (Project 3879-A1 - New)
- c. \$6,282.00 from University of Rochester, Rochester, New York, for Statistical Theory and Applications: Sequential, Nonparametric, and Ranking Procedures, under the direction of Department of Statistics, for period March 1, 1974 through February 28, 1975. (Project 3877-A1 - New)
- d. \$500.00 from Illuminating Engineering Research Institute, New York, New York, for Studies of the Illumination Requirements for Roadway Visual Tasks, under the direction of Institute for Research in Vision, for period July 1, 1973 through June 30, 1974. (Project 872 - Ltr. Dtd. 12/13/74)

TOTAL - Industrial, Subcontracts/Grants and Other  
Non-Federal Research Contracts/Grants \$95,831.00

April 5, 1974 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

C. The Engineering Experiment Station

1. Industrial and Other Research Contract

- a. \$14,833.00 from V. Mueller, Chicago, Illinois, for Comparative Study of Natural and Prosthetic Knee Joint Mechanics, under the direction of Department of Engineering Mechanics, for period February 7, 1974 through November 6, 1974. (EES 476)

D. The Ohio State University Development Fund

1. Gifts of \$5,000 or More

- a. \$29,794.41 from The Associates of Medicine, Columbus, Ohio, to continue their support of the Department of Medicine General Fund.
- b. \$18,000.00 from The Upjohn Company, Kalamazoo, Michigan, for infectious disease research in the College of Medicine.
- c. \$10,000.00 from the Estate of Oline G. Hyman, Columbus, Ohio, for the Department of Ophthalmology for Operation Eye Research Fund.
- d. \$10,000.00 from Dr. John D. Kraus, Delaware, Ohio, for support of The Ohio State University Radio Observatory and its programs, specifically the Radio Telescope Research Fund.
- e. \$10,000.00 from Noba, Inc., Tiffin, Ohio, for their research fund in the Department of Dairy Science.
- f. \$8,400.00 from American Foundation for Pharmaceutical Education, Washington, D. C., for their fellowship fund.
- g. \$7,400.00 from the Trust Under the Will of Anna Roessler, Columbus, Ohio, for continuing support of research scholarships for students enrolled in the College of Medicine.
- h. \$6,129.38 from Dr. Lowry W. Harding, Columbus, Ohio, for scholarships for students enrolled in the College of Education who are majoring in elementary education.
- i. \$5,750.00 from Hoffmann-LaRoche, Inc., Nutley, New Jersey, for infectious disease research in the College of Medicine.
- j. \$5,000.00 from The American Prosthodontic Society, Chicago, Illinois, to support the continuing Post Graduate Education Program in the specialties of Prosthodontics in the College of Dentistry.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund (continued)

2. Establishment of Named Funds

- a. \$46,197.50 from the Estate of Beatrice M. Miller for the establishment of the Beatrice M. Miller Memorial Fund.

Beatrice M. Miller Memorial Fund

The Beatrice M. Miller Memorial Fund was established April 5, 1974, by the Board of Trustees of The Ohio State University with a bequest from the late Beatrice M. Miller, B.S. Edu. '28, M.A. '32, formerly of Warren, Ohio, to The Ohio State University through The Ohio State University Development Fund.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used for the sole purpose of pursuing a cure for cancer through The Ohio State University Cancer Research Center. The principal may be invaded to the extent of part or all of it for uses as indicated above. Disbursements are to be made upon the recommendation of the Provost of The Ohio State University.

Should The Ohio State University Cancer Research Center cease to exist through any reorganization of the University, then the income may be used by the Board of Trustees, with preference being given to the recommendations of the Provost of the University or the appropriate administrative official who is then directly responsible for cancer research.

- b. \$6,000.00 from The American Prosthodontic Society for the establishment of The Victor L. Steffel American Prosthodontic Society Fund.

The Victor L. Steffel American Prosthodontic Society Fund

The Victor L. Steffel American Prosthodontic Society Fund was established April 5, 1974, by the Board of Trustees of The Ohio State University with a gift from The American Prosthodontic Society to The Ohio State University College of Dentistry through The Ohio State University Development Fund to honor Professor Emeritus Victor L. Steffel, (D. D.S. '26), Columbus, Ohio, for his many years of service as Secretary and Executive Director of The American Prosthodontic Society.

April 5, 1974 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund (continued)

2. Establishment of Named Funds (continued)

b. The Victor L. Steffel American Prosthodontic Society Fund (continued)

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University with the right to invest and reinvest as occasion dictates.

The annual income is to be used to aid the continuing Post Graduate Education Program in the specialties of Prosthodontics in the College of Dentistry. The funds are to be used upon the recommendation of the Chairman of this Division and Dean of the College of Dentistry.

Should the Post Graduate Education Program in Prosthodontics or the College of Dentistry cease to exist through any reorganization of the University, then the income may be used by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for the instruction of dentistry.

c. \$2,700.00 from friends of Sol D. Shaman for the establishment of The Sol D. Shaman Memorial Fund.

The Sol D. Shaman Memorial Fund

The Sol D. Shaman Memorial Fund was established April 5, 1974, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from friends of the late Sol D. Shaman, B.S. Ed. '30, Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used by the College of Medicine for cancer research. If the need for cancer research diminishes, or ceases to exist, so as to leave unused funds, then this bequest may be used in other areas of medical research closely allied or related to cancer.



III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

D. The Ohio State University Development Fund (continued)

2. Establishment of Named Funds (continued)

- d. \$2,050.00 from the family and friends of John King Sherman and Gussie Greener Sherman and a gift from Uniroyal, Inc., for the establishment of The John King and Gussie Greener Sherman Class of 1901 Scholarship Fund.

The John King and Gussie Greener Sherman  
Class of 1901 Scholarship Fund

The John King and Gussie Greener Sherman Class of 1901 Scholarship Fund was established April 5, 1974, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the family and friends of John King Sherman, B.C.E. '01, late of Fort Wayne, Indiana, and Gussie Greener Sherman (Mrs. John K.), B.A. '01, Fort Wayne, and a gift from Uniroyal, Inc.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used for scholarships to students with B or better grade averages, who are enrolled in the College of Engineering or the College of Education, with preference being given to those students majoring in Civil Engineering or Special Education - Hard of Hearing. Selection of these students is to be made upon the recommendations of the University Scholarship Committee.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for scholarships.

- e. \$1,970.00 from the family and friends of Hope Strong for the establishment of the Hope Strong Memorial Fund.

Hope Strong Memorial Fund

The Hope Strong Memorial Fund was established April 5, 1974, by the Board of Trustees of The Ohio State University with gifts through

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund (continued)

2. Establishment of Named Funds (continued)

e. Hope Strong Memorial Fund (continued)

The Ohio State University Development Fund from the family and friends of Hope Strong (Mrs. James W.), late of Lima, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide scholarship award(s) and books for worthy students of journalism (and competitive trophies, when applicable), who are enrolled in the Lima Regional Campus and have attended the Lima Campus for at least two quarters by the end of the Winter Quarter in the year the award(s) is/are made. No funds shall be paid in cash to students to accomplish either of the above purposes, but shall be expended directly for the purchase of books or in payment of tuition.

Selection of the recipient(s) is to be made upon the recommendation of the Director of the Lima Regional Campus and the University Scholarship Committee.

Distribution of all income shall be made at least every two years. The principal is not to be invaded.

Should the need for the award(s) and books cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the Director of the Lima Regional Campus.

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IV. BUSINESS AND ADMINISTRATION

A. Architect or Engineer

1. Lima Campus, Phase IV

President Enarson recommended that the architectural firm of Barnes, Neiswander and Associates, Cleveland, Ohio, be employed to provide complete architectural and engineering services for this project including preliminary plans, basic drawings, working drawings, specifications, estimate of cost, architectural rendering, necessary bidding documents, and supervision of construction of Phase IV - Lima Campus of The Ohio State University.

April 5, 1974 meeting, Board of Trustees

IV. BUSINESS AND ADMINISTRATION (continued)

A. Architect or Engineer (continued)

1. Lima Campus, Phase IV (continued)

The fee for this service will be negotiated between the architectural firm and the Division of Public Works. The total estimated project cost is \$3,725,000.

Funds for this service have been provided from H.B. 985, Item 315-083 (Lima Branch, Ohio State University, in cooperation with the Lima Technical College).

Upon motion of Mr. Harrod, seconded by Mr. Safford, the above recommendation was approved by unanimous roll call vote.

B. Plans and Specifications

At the request of the Vice President for Business and Administration, President Enarson recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees.

1. Jackson County Area Extension Center

This center will be located in Jackson County, Ohio, and will provide agricultural extension services for nine counties in Southern and Southeastern Ohio.

Funds are budgeted in H. B. 985, Item 315-086 (Jackson County Area Extension Center).

2. Physical Education Building--Improvements (Phase I, Floor)

This project will make areas safer and more convenient for various physical activities, improve working environment for health, physical education and recreational personnel, and reduce future maintenance of heavily used facilities.

Funds are budgeted in H. B. 985 (Utilities and Renovation).

3. Vivian Hall Partial Remodeling

This project will provide for the improvements of certain laboratories, classrooms, and offices for the Department of Food Science and Nutrition.

Funds are budgeted in H. B. 985 (Utilities and Renovation).

April 5, 1974 meeting, Board of Trustees

IV. BUSINESS AND ADMINISTRATION (continued)

B. Plans and Specifications (continued)

4. Watts Hall--Masonry Repair

This project will provide relief to stresses occurring in the masonry walls and the first floor stone surround. It will also provide for the repair of cracks, broken stone, and spot pointing as a result of these stresses.

Funds are budgeted in Budget Account 125064 (Contract Repair).

Upon motion of Mr. Gushman, seconded by Mr. Harrod, the above recommendations were approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. The Vice President for Business and Administration was directed to proceed with a request for bids in the normal University manner, and if satisfactory bids are received to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

C. Report of Award of Contracts

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and the contracts were recommended for award. The action reported to the Board was as follows:

1. Lord Hall, North Wing--Repair of Masonry Parapet Walls

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(3 bids received 3-4-74, Rebid)		
General Maintenance & Engineering		
(Columbus)	\$ 42,988.00	\$ 47,823.00

Funds for this project have been provided in Budget Account 125064 (Contract Repair).

2. Law Building Library--Improvements

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(3 bids received 3-6-74)		
Ed Ross Construction Company		
(Westerville, Ohio)	\$ 8,975.00*	\$ 5,762.00

\*Bids received were above the estimate of cost, but it is believed that better bids could not be obtained by readvertising.

April 5, 1974 meeting, Board of Trustees

IV. BUSINESS AND ADMINISTRATION (continued)

C. Report of Award of Contracts (continued)

2. Law Building Library--Improvements (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electric Contract</u> (5 bids received 3-6-74) Electric Power Equipment Co. (Columbus)	\$ 13,666.00*	\$ 12,238.00
<u>Total All Contracts</u>	<u>\$ 22,641.00*</u>	<u>\$ 18,000.00</u>

\*Bids received were above the estimate of cost, but it is believed that better bids could not be obtained by readvertising.

Funds for this project have been provided in H. B. 985, Item 315-074 (Utilities and Renovation).

3. Upham Hall--Air Conditioning and Electrical Improvements

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Air Conditioning Contract</u> (6 bids received 2-20-74) Mechanical Specialties (Columbus) Base bid	\$229,000.00	\$267,362.00
Alt. H-1 Self-contained room air conditioner	- 25,000.00	No Change
Alt. H-2 Installation of self-contained air conditioner in Room 1 and Room 5	+ 5,500.00	+ 6,650.00
Total Contract	<u>\$209,500.00</u>	<u>\$274,012.00</u>
<u>Electric Contract</u> (4 bids received 3-8-74, Rebid) Reco Electric (Columbus) Base bid	\$190,947.00	\$225,000.00
Alt. E-1 Electric work on Alt. H-2	+ 1,180.00	+ 3,000.00
Alt. E-2 Electric work for additional panelboard	+ 6,092.00	+ 12,000.00
Total Contract	<u>\$198,219.00</u>	<u>\$240,000.00</u>
<u>Total All Contracts</u>	<u>\$407,719.00</u>	<u>\$514,012.00</u>

Funds for this project have been provided from Budget Account 801267 (Hospital Capital Reserve).

April 5, 1974 meeting, Board of Trustees

IV. BUSINESS AND ADMINISTRATION (continued)

C. Report of Award of Contracts (continued)

4. Fawcett Center for Tomorrow--Roadway Improvements

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(3 bids received 3-26-74)		
Legg & Davis, Inc. (Columbus)		
Base bid	\$ 17,552.00	\$ 20,116.00
Alt. G-1 Section of roadway south of new intersection	+ 9,291.00	+ 6,129.00
Alt. G-2 Construction of temporary bypass road	+ 4,390.00	+ 4,227.00
<u>Total Contract</u>	<u>\$ 31,233.00</u>	<u>\$ 30,472.00*</u>

\*It was necessary to delete Alternate 3 because the total would exceed project funds authorized by the Board on December 7, 1973.

Funds for this project have been provided from Budget Account 125064 (Contract Repair) and Chemical Abstracts.

Upon motion of Mr. Gushman, seconded by Mr. Safford, the above award of contracts and expenditure of funds were approved and the action of the Vice President for Business and Administration was ratified by unanimous roll call vote.

D. Other

1. WTVN--Broadcasting Tower Lease

At the request of the Telecommunications Center and with the support of the Office of Educational Services, it was recommended that the University lease 4.728 acres of land at 2470 North Star Road to the Taft Broadcasting Company to construct a 600-foot broadcasting tower, buildings, and other related structures to properly broadcast radio and television programs.

This facility will support the transmission of a 50,000 watt signal of WOSU-FM and the signal for WTVN-Channel 6. Transmission from a single tower will prevent interference between these signals.

The lease agreement is for a term of 15 years with renewal provisions for two five-year periods. This proposed lease has been reviewed by legal counsel.

April 5, 1974 meeting, Board of Trustees

IV. BUSINESS AND ADMINISTRATION (continued)

D. Other (continued)

1. WTVN--Broadcasting Tower Lease (continued)

President Enarson recommended that the Board of Trustees approve the form of lease (filed with the official records of the Board of Trustees) and authorize the Division of Public Works to execute the same with the Taft Broadcasting Company.

Upon motion of Mr. Safford, seconded by Mrs. James, the Board of Trustees approved the foregoing recommendations by unanimous roll call vote.

E. Report of Controlling Board Actions Pertaining to The Ohio State University

- 19 Approves the release of \$12,000 from H. B. 985, Item 315-086 (Jackson County Area Extension Center) for planning funds, soil testing, site survey for the project known as "Jackson County Area Extension Center."
- 20 Approves the release of \$15,000 from H. B. 985, Item 315-087 (Mahoning County Area Extension Center) for planning funds, soil testing, site survey for the project known as "Mahoning County Area Extension Center."

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V. REPORTS

A. Report of Auditor of State to The Ohio State University

The Annual Report of the Auditor of State for the fiscal year 1971-1972 has been received and reviewed by the appropriate officers of the University.

President Enarson recommended that the Annual Report of the Auditor of State for the fiscal year 1971-1972 be accepted and filed with the official documents of the University.

Upon motion of Mr. Gushman, seconded by Mr. Harrod, the Board of Trustees approved the above recommendation by unanimous voice vote.

B. Report on the University's Investment Portfolio

The report dated March 29, 1974, as submitted to the Finance Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

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April 5, 1974 meeting, Board of Trustees

President Enarson called on Vice President Mount who presented enrollment and budgetary information on the operation of the Regional Campuses. Vice President Mount then introduced the Directors and representatives of the Advisory Committees of the Regional Campuses.

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Vice President Mount called on Dr. James Biddle, Director of the Lima Campus, who spoke on the accomplishments of the Lima Campus.

- o -

Mr. Wayne Bahr, a Vietnam veteran, representing the students of the Lima Regional Campus, spoke on the opportunity of attending college locally.

- o -

Dr. David Hagar made a presentation on behalf of the faculty of the Lima Campus on the advantages of a small campus. He also discussed the opportunities available to the faculty for working with community groups.

- o -

Harriett Pughsley Williams, a graduate of The Ohio State University, who began her college career on the Lima Regional Campus expressed her appreciation for the availability of the educational opportunity at the Lima Campus. She stated that she would not have been able to go beyond high school had it not been that she could live at home and with scholarship assistance complete the first two years of college before transferring to the Columbus Campus. She is now a member of the faculty of the Lima Senior High School.

- o -

Mr. Charles H. Cook, Chairman of the Lima Campus Advisory Committee, whose association with the University encompasses 58 years, reviewed some of the accomplishments of the Lima Campus from the time classes first met in the Lima Senior High School until funds were raised in the community to get the first building constructed. He cited the financial contribution of John Galvin and the work of former Senator Ross Pepple as examples of leadership in the development of the Lima Campus.

- o -

At the conclusion of this program, President Enarson presented Mr. Cook with a citation for his many years of devoted service to The Ohio State University.

- o -



April 5, 1974 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, May 3, 1974, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

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Edward Q. Moulton  
Secretary

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Don M. Hilliker  
Chairman

Page 460 Blank

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND NINETY-SIXTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, May 3, 1974

The Board of Trustees met at its regular monthly meeting on Friday, May 3, 1974, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Don M. Hilliker, Chairman, William C. Safford, John H. Dunlap, M. Merle Harrod, John L. Gushman, Howard D. Sirak, and Patricia D. James.

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Minutes of the last meeting were approved.

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May 3, 1974 meeting, Board of Trustees

#### ELECTION OF OFFICERS

The Chairman, Mr. Hilliker, convened the meeting of the Board of Trustees of The Ohio State University first for the purpose of electing officers for the coming year.

Dr. Sirak moved, and Mr. Gushman seconded the motion, that the following persons be nominated as officers of the Board of Trustees:

Chairman	William C. Safford
Vice Chairman	John H. Dunlap
Secretary	Edward Q. Moulton
Treasurer	Ernest W. Leggett

The Board approved, with Mr. Safford abstaining, the above slate by roll call vote.

Mr. Hilliker congratulated the new officers.

Mr. Safford thanked Mr. Hilliker and pledged that the current slate of officers would attempt to carry on in the same manner as the officers in the past.

Mr. Hilliker said, "Thank you, Bill. You know our President has an expression that I've always thought well of. When something goes well with him, he says he feels comfortable (I assume if something doesn't go well, he feels uncomfortable) and I can truthfully say that with Bill Safford and Jack Dunlap, I feel comfortable and I know I speak for the Board."

The Board of Trustees recessed and the Board of Control meeting was convened.

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The meeting of the Board of Trustees was reconvened following the meeting of the Board of Control.

#### MR. HILLIKER'S STATEMENT

Mr. Hilliker made the following statement:

Speaking as Chairman of this Board I would like to make about an hour's speech. Seriously, it's been an easy year for me, I guess because it's been a quiet year. I want to give special thanks to the gentleman on my right [President Enarson] who has been a great help. He has a very capable Staff and its members have been most cooperative. I want to thank the gentleman on my left [Secretary Moulton] because he has a very effective under-the-table jab when I get out of line, and I say, Bill, to you that Ned Moulton will keep you on the straight and narrow. He's essential.

Mr. Safford: "I need that."

May 3, 1974 meeting, Board of Trustees

MR. HILLIKER'S STATEMENT (continued)

I'd like to thank Mrs. Smith for such a splendid job of recording the minutes of these meetings and getting me to sign on the right line.

This marks my eighth year of service on this Board, and for seven of those years I read in the papers and I heard about all of the secret meetings that the Board of Trustees have had in smoke-filled rooms, all the decisions that were made and were 'cut and dried' when we got to this point. And I made up my mind that this year you would not hear about secret meetings for two reasons: (1) we didn't have any, and (2) the reason we didn't have any is because we worked through a system of committees which I felt would bring the members of the Board into a better working relationship with the administration and with faculty and with students. Now it's not easy for Board members like Pat James to get up at seven o'clock in the morning and drive down from Cleveland or Mr. Safford to drive from Cincinnati. Everybody is busy, and I want to express really and truly and sincerely my appreciation to all of you who have made the committee system work. I'd like to thank Jack Dunlap who chaired the OARDC Committee and Mr. Abercrombie and Mr. Safford who were members. I want to thank Jack Gushman, who chaired a particularly difficult committee responsibility, the Educational Affairs Committee, and did an outstanding job along with the other members Dr. Sirak, Mrs. James, and Jack Dunlap. I want to thank Merle Harrod for chairing the Buildings and Grounds Committee, and I can assure you that he asked some very searching questions in this connection; and he, in conjunction with Mr. Devenow and Mr. Gushman, has done a fine job. I want to thank Mr. Devenow, who unfortunately could not be here for chairing the Insurance Committee, along with Mrs. James and Dr. Sirak who were members of that committee. And finally I want to thank Mr. Safford for chairing the Finance Committee, along with its members Mr. Harrod and Mr. Dunlap, and Dr. Sirak, and I've got news for you--if you don't listen to this man when it comes to financial matters you're going to be in trouble.

I also want to say a word about Mr. Shocknessy, who is not at the meeting today and who I am told will not be here. This marks the end of the ninth year of Jim's association with this Board. Jim and I have not always agreed on every subject, and I think this is constructive. (I don't think there is anything worse than a rubber stamp.) I wanted to tell him that I forgave him all of his many sins with one exception, the 1935 Ohio State-Notre Dame game. Mr. Shocknessy, probably as much as any Board member faced the full gamut of problems that have and will continue to confront a large and complex university. I can recall when he came on this Board in 1965 the big issue, and it was a very emotional issue, was the speaker's rule on campus. It was getting a little bit out of bounds and there were about three Lantern extras a day, and as I recall, I believe it was largely due to Mr. Shocknessy that the issue was met head-on, a few heads were butted together, and it was resolved, and resolved correctly. Soon after that the Board was confronted with the possibility of building the new President's house. That was only good for two Lantern extras a day. But this

May 3, 1974 meeting, Board of Trustees

MR. HILLIKER'S STATEMENT (continued)

issue was resolved with Mr. Shocknessy's help. Of course, we all recall with little enthusiasm the campus disruptions in 1970, which I think was one of Ohio State's dark hours. I suppose some things came out of it that were good, but a lot of things that came out of it were not good. Hopefully, however, we all became more understanding of each other's problems, the lines of communication opened up to a greater degree, and we all learned to compromise more. I pray to the good Lord that this situation will never arise again where rocks and obscenities become a way of life on this campus, and I don't think they will. It was during Mr. Shocknessy's term as Chairman that this Board was faced with selecting a replacement for Dr. Fawcett. I don't have to tell you that that was handled effectively and expertly, the living proof sits to my right [President Enarson]. I'm sorry that Mr. Shocknessy is not here, however I want to say for the record, on behalf of this Board, and I know I speak for the entire University community, we all appreciate the many hours of his devotion to this University. He'll be missed. Mr. President, that concludes my hour's speech.

PRESIDENT ENARSON'S STATEMENT

President Enarson made the following statement:

It's been a joy to work with Don Hilliker and I know it's going to be an equal joy to work with Bill Safford. Mr. Hilliker doesn't scare easily--he doesn't move into frenzy and excitement when he reads of some new disaster in the morning issue of the Lantern. His motto has been, 'If Harold has a problem, he'll call.' And I think, Don, your secretary and mine can testify to the fact that there have been those calls. One of my frustrations, among many, is the difficulty in clarifying for the University community what the Trustees do and don't do and that they operate necessarily at a certain level of abstraction, at least the good ones do. They do not meddle in detail, but they do share a responsibility in the main for policy-making. In an attempt to kind of warm-up for today and this moment of transition, I tried to find a good definition of what Boards of Trustees do, and I discovered that the Ohio law was no help. Indeed, it was a positive discouragement to me, because it provides that the Trustees 'hold and administer' our dollars, 'supervise and control' our property, and 'elect and remove' the President. That's as far as I read. The former President of Harvard University, Nathan Pusey, didn't quite capture it when he used to say that the function of a member of the Board of the Harvard Corporation was to see that the University was properly staffed and that the bills were paid. And, indeed, my friend, Logan Wilson, the former President of the American Council on Education, missed it too when he said and I quote, 'The basic function of institutional trustees is commonly conceived as that of representing the best interests of the outside world intramurally, and of the academic community, in turn, to the larger community,' or, if you will,

May 3, 1974 meeting, Board of Trustees

PRESIDENT ENARSON'S STATEMENT (continued)

'to act as buffers against misconceived or improper influences.' Well, of course, the Board of Trustees is all of those things and more. It involves asking necessarily probing questions of the University administration, of offering sage advice particularly in the business area to professional educators that don't know the Dow Jones average, wouldn't know how to read it if they knew where to find it in the newspaper, and more often than not, offering a friendly shoulder to cry on. But I think, the dimension of this job that strikes me as most crucial is really in many ways that you gentlemen are, and must be, the conscience of the community as you look at this enterprise. I am sorry that Jim isn't here to hear me say this, but I think Mr. Shocknessy has a good, clear grasp of that particular, distinctive role.

MR. DUNLAP'S STATEMENT

Mr. Dunlap made the following statement:

Mr. Chairman, before Harold moves into his agenda, I'd just like to add, and I guess I'm the third oldest person with reference to seniority in this group now, that I think Don is a little modest. I think he's done a tremendous job, and we all know that he had some difficult problems. And I told his wife, who I'm sure is, as is mine, his severest critic, that I thought he had done one heck of a good job. He organized the present committee system, which has worked beautifully, and they say if you want to get a job done, give it to a busy man. Well, he's probably as busy or maybe the busiest in this group. And, I think he's done a terrific job, and I want that to go on the record, and I think we all feel that way about it.

And I would like to say a word about Jim. I didn't know him until I was appointed to the Board. And about ten minutes after the Governor called to appoint me, Jim called to congratulate me. We've had our ups and downs, but I think he's a very conscientious member of this Board, and I think he's done a terrific job on behalf of this Board. I have enjoyed working with him.

The above statement was duly seconded and passed by acclamation.

INTRODUCTION OF LEADERS OF THE STUDENT BODY

President Enarson introduced Doug Holmes, President of the Undergraduate Student Government, and Jim Parsons, President of the Council of Graduate Students.

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RESOLUTIONS IN MEMORIAM

President Enarson reported to the Board the deaths of Richard L. Canary, Instructor in the Department of English, and Wilbert Cathmore Ronan, Professor Emeritus in the School of Architecture. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Richard L. Canary

The Board of Trustees of The Ohio State University expresses its sorrow at the death of Richard L. Canary, Instructor in the Department of English, on March 21, 1974.

Mr. Canary was born on April 11, 1910, in Bowling Green, Ohio. He attended the Bowling Green public schools and obtained a B.A. degree from Denison University in 1931. He was for a number of years a sales representative, first for Meredith Publishing Company and later for several tire companies, including B. F. Goodrich, Kelly-Springfield and Dunlop. During World War II he served for three years in the U. S. Navy, rising to the rank of Lieutenant Commander.

Mr. Canary resumed his education in 1963 at The Ohio State University, receiving both a B.S. Ed. and a M.A. in 1966. After two years of teaching at Groveport High School, he joined the teaching staff of the English Department of The Ohio State University where he continued until his death. He was a conscientious and dedicated teacher and colleague whose wide experience in the non-academic world stood him in good stead in the classroom and in the administrative duties he performed cheerfully and well.

On behalf of the University community, the Board of Trustees expresses to the wife and family of Mr. Canary its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of sympathy and respect.

B. Wilbert Cathmore Ronan

The Board of Trustees of The Ohio State University expresses its sorrow at the death on December 7, 1973, of Wilbert Cathmore Ronan, Professor Emeritus in the School of Architecture.

Born in Ottawa, Canada, Professor Ronan received the degree of C. E. in Architecture from The Ohio State University in 1910. In 1913 he earned a B.S. in Architecture from the University of Pennsylvania, earning a prize in the decorative arts, a parallel area of study which later became his lifelong avocation. He joined the faculty of the School of Architecture in 1913 and served as a member of the teaching faculty until his retirement in 1957. From 1945 to 1950 he served as Professor and Chairman of the School of Architecture. His principal areas of teaching were the history of architecture, architectural design, and the decorative arts. He authored or co-authored many books and articles on architectural drawing and



RESOLUTIONS IN MEMORIAM (continued)

B. Wilbert Cathmore Ronan (continued)

stained glass. In 1955 he was one of nine teachers in architectural education in the United States cited by the College of Fellows of the American Institute of Architects for his "effectiveness in teaching."

Professor Ronan was a scholar, possessed of splendid reading and writing skills in Greek, Latin, French, German, and Spanish. His personal studies took him to all parts of the United States and Europe. His knowledge and excellent personal collections of fine Oriental carpets and stained glass, together with his extensive collection of color slides, kept him in constant demand as a lecturer throughout Ohio. A practicing registered architect, he was responsible for the design of many notable buildings in central Ohio, including buildings on the campus of Kenyon College and at Kent State University. He was twice president of the Columbus Chapter of the American Institute of Architects. Upon his retirement, Professor Ronan was appointed a Whitney Visiting Professor in the Humanities, a program of awards sponsored by the John Hay Whitney Foundation.

On behalf of the University, the Board of Trustees expresses to his family its deepest sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

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President Enarson presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Establishment of a Department of Art Education

Upon the recommendation of the College of The Arts, the College of Education, and the Council on Academic Affairs, the University Senate on April 9, 1974, approved departmental status for the Division of Art Education.

Presently the Division of Art Education offers programs leading to a Bachelor of Art Education, Master of Arts, and Doctor of Philosophy degrees. The Division is presently teaching over 1,300 credit hours each quarter, including Summer Quarter. Thus this Division meets all criteria to be an academic department under Rule 13.0501.

President Enarson recommended that a Department of Art Education be established effective July 1, 1974, in accordance with the University Senate's recommendation.

Upon motion of Mr. Safford, seconded by Mr. Harrod, the Board of Trustees approved the above recommendation by unanimous voice vote.

May 3, 1974 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Establishment of a Division of Hebrew Language and Literature

The University Senate at its meeting April 9, 1974, approved the establishment of a Division of Hebrew Language and Literature, effective July 1, 1974.

The Hebrew program at Ohio State is considered to be among the best undergraduate Hebrew programs in the United States, because of its academic content, its teaching staff, and the scholastic achievement of its students.

In the present academic year, 1973-1974, a new Designated Professorship of Hebrew was established. This Professorship was made possible by a grant of \$100,000.

Presently twenty-eight courses are being offered through this program. Approval of a Division of Hebrew Language and Literature does not preclude development in the future for some combination of Hebrew/Arabic/Islamic offerings. The criteria for the establishment of a Division have been met in the proposal.

President Enarson recommended that a Division of Hebrew Language and Literature be established as recommended by the University Senate.

Upon motion of Mr. Dunlap, seconded by Mrs. James, the Board of Trustees approved the recommendation by unanimous voice vote.

C. Rental Rates for Buckeye Village

At the March 1, 1974 meeting of the Board of Trustees, President Enarson recommended certain changes for Residence Hall Room and Board rates. A rate increase for Buckeye Village apartments was included in this proposal. Mr. William Goslee, representing an ad hoc group of Buckeye Village residents, spoke in opposition to the proposed rent increase as submitted by the Office of Residence and Dining Halls for the Buckeye Village apartments and presented a petition to this effect.

Chairman Hilliker requested that action on this proposal be deferred to a later meeting so that this request might be restudied.

Dr. Armitage, Vice President for Student Services, has now supplied additional information further justifying the rent increase based on cost figures for the operation of these housing units.

President Enarson recommended that the rates for Buckeye Village apartments be as follows, effective July 1, 1974:

May 3, 1974 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Rental Rates for Buckeye Village (continued)

	<u>Current</u>		<u>Proposed</u>	
	<u>Year</u>	<u>Month</u>	<u>Year</u>	<u>Month</u>
One Bedroom	\$1,128	\$ 94	\$1,188	\$ 99
Two Bedroom	1,428	119	1,500	125

Upon motion of Mr. Safford, seconded by Mr. Gushman, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

D. Naming of Building

Upon the recommendation of the Vice President for Regional Campuses, and with the concurrence of the President's Staff, President Enarson recommended that University College Building No. 13, located at 1050 Carmack Road, be designated "West Hall" until such time as a suitable memorial name is selected.

The new facility will be occupied this spring and contains the administrative offices of University College including University College student academic advisors, laboratories, and classrooms for instruction for the Departments of Physics, Political Science, Theatre, and Geology as well as faculty offices and an auditorium with a seating capacity of 312.

This recommendation is in accordance with the Bylaws of the Board of Trustees.

Upon motion of Mr. Safford, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

E. Quarterly Review of Current Funds Budget  
(Quarter Ended March 31, 1974)

The third quarter of the current fiscal year ending March 31 is presented to you for your consideration and approval. You will note from the accompanying income and budget statements that no significant change from the previous quarter has been experienced during this period. There have been some increases in the volume of activities conducted within the University. Also, greater income than anticipated is being realized from the endowment, grants and contracts, and private gifts. The decrease in the budget of the Dairy and Meats Laboratory reflects a phase-out of the Dairy Laboratory's commercial activities. The change in the Intercollegiate Athletics budget is attributable to a change in bookkeeping procedures.

# BUDGETS FOR THE 1973-74 YEAR

	Budget Approved December 31, 1973	Revised Budget March 31, 1974	Difference
<hr/>			
Current General Unrestricted			
Columbus Campus			
Personnel Services	\$102,478,000	\$102,478,000	\$ -0-
Operating and Equipment	22,558,000	22,558,000	-0-
All Other	5,475,000	5,475,000	-0-
Total Columbus Campus	<u>\$130,511,000</u>	<u>\$130,511,000</u>	<u>\$ -0-</u>
Regional Campuses			
Administration	\$ 116,000	\$ 116,000	\$ -0-
Lima Campus	1,430,000	1,430,000	-0-
Mansfield Campus	1,395,000	1,395,000	-0-
Marion Campus	874,000	874,000	-0-
Newark Campus	1,214,000	1,214,000	-0-
Agricultural Technical Institute	680,000	680,000	-0-
Total Regional Campuses	<u>\$ 5,709,000</u>	<u>\$ 5,709,000</u>	<u>\$ -0-</u>
Departmental Earnings	\$ 5,323,000	\$ 6,140,000	\$ 817,000
University Services	2,133,000	2,550,000	417,000
Research Foundation Administration	1,530,000	1,530,000	-0-
Total Unrestricted	<u>\$145,206,000</u>	<u>\$146,440,000</u>	<u>\$1,234,000</u>
Current General Restricted			
Endowments	\$ 1,250,000	\$ 1,400,000	\$ 150,000
Mershon Center	700,000	700,000	-0-
Federal Grants and Contracts	37,860,000	37,860,000	-0-
Ohio Grants and Contracts	2,200,000	2,600,000	400,000
Engineering Experiment Station	1,735,000	1,735,000	-0-
Development Fund	3,100,000	3,100,000	-0-
Other Private Gifts and Grants	1,834,000	2,034,000	200,000
Conference Accounts	1,200,000	1,200,000	-0-
Total Restricted	<u>\$ 49,879,000</u>	<u>\$ 50,629,000</u>	<u>\$ 750,000</u>
Current General Auxiliaries			
Cooperative Extension	\$ 12,317,000	\$ 12,317,000	\$ -0-
University Hospitals	46,721,000	46,721,000	-0-
Student Housing	13,924,000	13,924,000	-0-
Intercollegiate Athletics	5,500,000	6,000,000	500,000
University Bookstores	2,630,000	2,630,000	-0-
Student Unions	1,838,000	1,838,000	-0-
Parking Facilities	1,480,000	1,600,000	120,000
Fawcett Center	922,000	922,000	-0-
Facilities Services	1,974,000	2,100,000	126,000
Dairy and Meats Laboratories	2,076,000	1,700,000	(376,000)
University Airport	972,000	1,032,000	60,000
Other	509,000	550,000	41,000
Total Auxiliaries	<u>\$ 90,863,000</u>	<u>\$ 91,334,000</u>	<u>\$ 471,000</u>
Total Current General Funds	<u>\$285,948,000</u>	<u>\$288,403,000</u>	<u>\$2,455,000</u>

# SOURCES OF INCOME FOR THE 1973-74 BUDGET

	Budget Approved December 31, 1973	Revised Budget March 31, 1974	Difference
<b>Current General Unrestricted</b>			
Columbus Campus			
Instructional Subsidy	\$ 73,482,000	\$ 73,482,000	\$ -0-
Student Fees	43,735,000	43,735,000	-0-
Earnings Operations	4,718,000	4,718,000	-0-
Temporary Investments	1,700,000	1,800,000	100,000
All Other	1,616,000	1,823,000	207,000
Total Columbus Campus	<u>\$125,251,000</u>	<u>\$125,558,000</u>	<u>\$ 307,000</u>
Regional Campuses			
Lima Campus	\$ 1,680,000	\$ 1,680,000	\$ -0-
Mansfield Campus	1,603,000	1,603,000	-0-
Marion Campus	961,000	961,000	-0-
Newark Campus	1,397,000	1,397,000	-0-
Agricultural Technical Institute	794,000	794,000	-0-
Total Regional Campuses	<u>\$ 6,435,000</u>	<u>\$ 6,435,000</u>	<u>-0-</u>
Departmental Earnings	\$ 5,419,000	\$ 5,940,000	\$ 521,000
University Services	2,144,000	2,550,000	406,000
Total Unrestricted	<u>\$139,249,000</u>	<u>\$140,483,000</u>	<u>\$1,234,000</u>
<b>Current General Restricted</b>			
Endowments	\$ 1,950,000	\$ 2,100,000	\$ 150,000
Federal Grants and Contracts	42,240,000	42,240,000	-0-
Ohio Grants and Contracts	2,200,000	2,600,000	400,000
Engineering Experiment Station	1,865,000	1,865,000	-0-
Development Fund	3,100,000	3,100,000	-0-
Other Private Gifts and Grants	1,850,000	2,050,000	200,000
Conference Accounts	1,200,000	1,200,000	-0-
Total Restricted	<u>\$ 54,405,000</u>	<u>\$ 55,155,000</u>	<u>\$ 750,000</u>
<b>Current General Auxiliaries</b>			
Cooperative Extension	\$ 12,317,000	\$ 12,317,000	\$ -0-
University Hospitals	48,515,000	48,515,000	-0-
Student Housing	13,924,000	13,924,000	-0-
Intercollegiate Athletics	5,500,000	6,000,000	500,000
University Bookstores	2,630,000	2,630,000	-0-
Student Unions	1,439,000	1,439,000	-0-
Parking Facilities	1,480,000	1,600,000	120,000
Fawcett Center	922,000	922,000	-0-
Facilities Services	1,974,000	2,100,000	126,000
Dairy and Meats Laboratories	2,076,000	1,700,000	(376,000)
University Airport	1,008,000	1,068,000	60,000
Other	509,000	550,000	41,000
Total Auxiliaries	<u>\$ 92,294,000</u>	<u>\$ 92,765,000</u>	<u>\$ 471,000</u>
Total Current General Funds	<u>\$285,948,000</u>	<u>\$288,403,000</u>	<u>\$2,455,000</u>

May 3, 1974 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

E. Quarterly Review of Current Funds Budget  
(Quarter Ended March 31, 1974) (continued)

President Enarson recommended that this report as submitted be approved.

Upon motion of Mr. Safford, seconded by Mr. Gushman, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

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II. PERSONNEL ACTIONS

Personnel actions since the April 5, 1974 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Appointment, Resignation, Leaves of Absence Without Salary, and Emeritus Titles:

A. Appointment

Thomas N. Taylor, Professor and Chairman, Department of Botany, effective July 1, 1974, at a salary of \$29,088 per annum.

B. Resignation

Franklin P. Kilpatrick has resigned his position as Dean of the College of Social and Behavioral Sciences, effective September 30, 1974. Dr. Kilpatrick will continue as a Professor in the Department of Psychology.

C. Leaves of Absence Without Salary

Roger D. Blackwell, Professor, Academic Faculty of Marketing, effective April 1, 1974 through June 30, 1974, to be a Visiting Professor of Marketing at Stanford University.

Bibb Latane, Professor, Department of Psychology, effective October 1, 1974 through March 31, 1975, to accept a Guggenheim Fellowship Award.

Robert E. Notari, Professor, College of Pharmacy, effective September 15, 1974 through July 31, 1975, to lecture and do research in biopharmaceutics in the Department of Pharmacy at the University of Aston, Birmingham, England.

Michael D. Rose, Professor, College of Law, effective October 1, 1974 through March 31, 1975, to be a Visiting Professor at the University of Minnesota Law School.

May 3, 1974 meeting, Board of Trustees

II. PERSONNEL ACTIONS (continued)

C. Leaves of Absence Without Salary (continued)

William M. Boorstein, Associate Professor, Department of Metallurgical Engineering, effective April 1, 1974 through September 30, 1974, to gain experience in industry as a metallurgical engineer.

Ruth Currier, Associate Professor, Department of Dance, effective October 1, 1974 through September 30, 1975, to continue as Director of Jose Limon Company.

Thomas W. Dunfee, Associate Professor, Academic Faculty of Finance, effective October 1, 1974 through September 30, 1975, to be a Visiting Associate Professor in the Department of Business Law at the University of Pennsylvania.

Bertram S. Katz, Associate Professor, Division of Art, effective October 1, 1974 through September 30, 1975, to direct the arts program of the Great Lakes Colleges Association in New York.

David R. Dowty, Assistant Professor, Department of Linguistics, effective October 1, 1974 through September 30, 1975, to accept an American Council of Learned Societies Study Fellowship.

Howard W. Schuth, Assistant Professor, Department of Photography and Cinema, effective July 1, 1974 through September 30, 1974, to continue teaching at Louisiana State University.

Martha E. Sucheston, Assistant Professor, Department of Anatomy, effective July 1, 1974 through March 31, 1975, for personal reasons.

David G. Tarr, Assistant Professor, Department of Economics, effective October 1, 1974 through September 30, 1975, to accept a position with the Bureau of Industry Analysis, Federal Trade Commission, Washington, D. C.

Eugene J. Watts, Assistant Professor, Department of History, effective October 1, 1974 through September 30, 1975, to accept an American Council of Learned Societies Fellowship.

Marilyn V. Adderley, Instructor, School of Nursing, effective August 1, 1974 through August 31, 1974, to continue on the staff of ECCO Family Health Center.

May 3, 1974 meeting, Board of Trustees

II. PERSONNEL ACTIONS (continued)

C. Leaves of Absence Without Salary (continued)

Gale Marie Baumgardner, Instructor, Cooperative Extension Service, effective July 1, 1974 through December 31, 1974, to participate in a program of professional improvement at Kansas State University of Agriculture and Applied Science, Manhattan, Kansas.

Geraldine I. Olson, Instructor, Cooperative Extension Service, effective July 1, 1974 through September 30, 1974, to accept an Institute of Life Insurance Fellowship through the American Home Economics Association, to complete requirements for the Ph. D. degree.

Elmo S. Saunders, Instructor, University Libraries, effective July 1, 1974 through September 30, 1974, to engage in research in Africa.

D. Emeritus Titles

Naomi M. Allenbaugh, School of Health, Physical Education, and Recreation, with the title Professor Emeritus, effective July 1, 1974.

Joseph D. Blickle, Cooperative Extension Service, with the title Professor Emeritus, effective July 1, 1974.

Robert P. Bullock, Department of Sociology, with the title Professor Emeritus, effective July 1, 1974.

Wesley P. Cushman, School of Health, Physical Education, and Recreation, with the title Professor Emeritus, effective July 1, 1974.

John O. Everhart, Department of Ceramic Engineering, with the title Professor Emeritus, effective July 1, 1974.

J. Marshall Hanna, Academic Faculty of Vocational-Technical Education, with the title Professor Emeritus, effective July 1, 1974.

Feliks W. Jablonowski, University Libraries, with the title Professor Emeritus, effective July 1, 1974.

Hugh D. Laughlin, Academic Faculty of Educational Administration, with the title Professor Emeritus, effective October 1, 1974.



May 3, 1974 meeting, Board of Trustees

II. PERSONNEL ACTIONS (continued)

D. Emeritus Titles (continued)

Walter Meiden, Department of Romance Languages,  
with the title Professor Emeritus, effective October 1,  
1974.

Robert M. Reese, Academic Faculty of Vocational-  
Technical Education, with the title Professor Emeritus,  
effective July 1, 1974.

Hoyt L. Sherman, Division of Art, with the title  
Professor Emeritus, effective July 1, 1974.

George L. Tilley, School of Architecture, with the  
title Professor Emeritus, effective July 1, 1974.

Fairfax E. Watkins, Department of Engineering Graphics,  
with the title Professor Emeritus, effective July 1, 1974.

Robert J. Wherry, Department of Psychology, with  
the title Professor Emeritus, effective July 1, 1974.

Chester M. Winter, College of Dentistry, with the  
title Professor Emeritus, effective July 1, 1974.

Anthony J. Montonaro, School of Health, Physical  
Education, and Recreation, with the title Associate  
Professor Emeritus, effective July 1, 1974.

Frances E. Bovard, Cooperative Extension Service,  
with the title Assistant Professor Emeritus, effective  
July 1, 1974.

President Enarson recommended that the Appointment, Resignation,  
Leaves of Absence Without Salary, Emeritus Titles, and personnel  
budget actions as recorded in the "Salary Roll" of the University be  
approved.

Upon motion of Mr. Harrod, seconded by Mrs. James, the Board of Trustees  
approved the foregoing recommendation by unanimous roll call vote, and the  
Secretary was instructed to file these changes in the "Salary Roll," an official  
document of the University.

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### III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

THIRD QUARTER 1973-74

#### OFFICE OF FISCAL AFFAIRS AND THE TREASURER OF THE UNIVERSITY

	Number of Projects	Level of Support	% Change from 1972-73
<u>Federal</u>			
Student	6	\$ 105,785.00	(29)
Training Grants	<u>41</u>	<u>3,693,525.00</u>	<u>3</u>
Total - Federal	47	\$3,799,310.00	2
<u>State of Ohio</u>	2	63,749.00	(15)
<u>Industrial and Other</u>	<u>17</u>	<u>759,836.85</u>	<u>519</u>
Totals	66	\$4,622,895.85	18

#### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

	Number of Projects	Level of Support	% Change from 1972-73
<u>Federal</u>			
U. S. Atomic Energy Commission	6	\$ 489,336.00	39
National Aeronautics and Space Administration	3	209,760.00	1099
National Science Foundation	13	491,000.00	(65)
Department of Defense Health, Education, and Welfare	21	705,563.00	(7)
Other Federal	<u>31</u>	<u>1,554,152.00</u>	<u>81</u>
Total - Federal	82	\$4,619,679.00	11
<u>State of Ohio</u>	3	12,000.00	(55)
<u>Industrial, Subcontracts, and     Other Non-Federal</u>	<u>16</u>	<u>536,128.00</u>	<u>(32)</u>
Totals	101	\$5,167,807.00	4

May 3, 1974 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

THIRD QUARTER 1973-74

THE ENGINEERING EXPERIMENT STATION

	Number of Projects	Level of Support	% Change from 1972-73
<u>Federal</u>	9	\$ 20,060.00	654
<u>State of Ohio</u>	8	39,132.00	160
<u>Industrial and Other</u>	66	108,239.00	(19)
Totals	83	\$ 167,431.00	11

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

	Number of Donors	Level of Support	% Change from 1972-73
<u>General Solicitation</u>	2,496	\$ 78,806.99	33
<u>Major Resources Group</u>			
Major Individual Gifts	193	\$ 453,356.82	(20)
Corporate Gifts	103	206,218.52	3
Foundation and Non- Profit Organization Gifts	131	316,104.17	(14)
Total	427	\$ 975,679.51	(14)
Totals	2,923	\$1,054,486.50	(12)

May 3, 1974 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

President Enarson recommended that the following contracts and grants negotiated and monies received for the month of March 1974 be accepted.

Summary for March 1974

	No. of Projects	Support Level
Office of Fiscal Affairs and the Treasurer of the University	34	\$ 927,683.89
The Ohio State University Research Foundation	31	2,425,235.00
The Engineering Experiment Station	1	<u>14,318.00</u>
		\$3,367,236.89
(Donors)		
The Ohio State University Development Fund	941	\$ 515,244.80

A detailed listing of the items in each section is shown on the following pages.

Upon motion of Dr. Sirak, seconded by Mr. Gushman, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the report from the Office of Fiscal Affairs and the Treasurer of the University and The Ohio State University Development Fund, including the establishment of named funds, was approved by unanimous voice vote.

May 3, 1974 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

A. Office of Fiscal Affairs and the Treasurer of the University

1. Federal Contracts/Grants

- a. \$175,413.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, for Preventive Medicine Curriculum Augmentation - Training Grant, under the direction of Department of Preventive Medicine, for period July 1, 1974 through June 30, 1976. (Grant No. 5 D04 AH01113-09)
- b. \$102,904.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, for Medicinal Chemistry - Training Grant, under the direction of College of Pharmacy, for period March 1, 1974 through June 30, 1975. (Grant No. 3 T01 GM01949-05S1)
- c. \$90,359.00 additional grant from Department of Health, Education, and Welfare, Office of Education, Washington, D. C., for Abstracts of Instructional Materials (AIM) and Abstracts of Research Materials (ARM) on Vocational and Technical Education, under the direction of Center for Vocational and Technical Education, for period February 1, 1973 through December 31, 1974. (Grant No. OEG-0-73-3016)
- d. \$81,000.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, for Renal Disease - Training Grant, under the direction of College of Medicine, for period April 1, 1974 through June 30, 1975. (Grant No. 3 T01 HL05975-02S1)
- e. \$30,969.00 additional grant from Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, for Clinical Cancer Training, Dental - Training Grant, under the direction of College of Dentistry, for period July 1, 1973 through June 30, 1974. (Grant No. 3 T12 CA08129-07S1)
- f. \$30,810.00 granted by National Science Foundation, Washington, D. C., for Student Science Training for High Ability Secondary School Students, under the direction of Department of Mathematics, for period March 15, 1974 through October 31, 1974. (Grant GY-11406, Proposal No. 4/01027)
- g. \$26,349.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Resources Development, Bethesda, Maryland, for Health Professions Scholarship, under the direction of College of Medicine, for period July 1, 1973 through June 30, 1975. (I.D. No. 05L390071 74 BHL10; Former No. 1 7 45 0430 15 1)

May 3, 1974 meeting, Board of Trustees

### III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

#### A. Office of Fiscal Affairs and the Treasurer of the University (continued)

##### 1. Federal Contracts/Grants (continued)

- h. \$26,349.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Resources Development, Bethesda, Maryland, for Health Professions Scholarship, under the direction of College of Dentistry, for period July 1, 1973 through June 30, 1975. (I. D. No. 05L390075 74 BHL30; Former No. 2 7 45 0430 15 1)
- i. \$25,308.00 additional grant from Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, for Parasitology and Medical Entomology - Training Grant, under the direction of Department of Entomology, for period April 1, 1974 through June 30, 1975. (Grant No. 3 T01 AI00216-13S1)
- j. \$24,735.00 additional grant from Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, for General Research Support Grant, under the direction of School of Nursing, for period January 1, 1973 through December 31, 1973. (Grant No. 3 S01 RR05742-02S1)
- k. \$23,688.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, for Monte Carlo Calculations of Polypeptide and Nucleic, Development Award - Research Career Program, under the direction of Department of Biochemistry, for period June 1, 1974 through May 31, 1975. (Grant No. 1 K04 GM70742-01)
- l. \$22,843.00 additional grant from Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, for Clinical Cancer Training - Medical, under the direction of Department of Surgery, for period July 1, 1973 through June 30, 1974. (Grant No. 3 T12 CA08110-08S1)
- m. \$19,350.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, for Protein Structure - Functions, Pheromones in Lower Plants, Development Award - Research Career Program, under the direction of Department of Chemistry, for period June 1, 1974 through May 31, 1975. (Grant No. 1 K04 GM70711-01)
- n. \$19,139.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bureau of Health Resources Development, Bethesda, Maryland, for Health Professions Scholarship, under the direction of College of Veterinary Medicine, for period July 1, 1973 through June 30, 1975. (I. D. No. 05L390083 74 BHL70; Former No. 7 7 45 0430 15 1)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

A. Office of Fiscal Affairs and the Treasurer of the University (continued)

1. Federal Contracts/Grants (continued)

- o. \$13,543.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, for Research Fellowship - International, under the direction of Department of Surgery, for one year. (Fellowship No. 1 F05 TW02075-01)
- p. \$12,082.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bureau of Health Resources Development, Bethesda, Maryland, for Health Professions Scholarship, under the direction of College of Pharmacy, for period July 1, 1973 through June 30, 1975. (I.D. No. 05L390079 74 BHL50; Former No. 5 7 45 0430 15 1)
- q. \$8,323.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bureau of Health Resources Development, Bethesda, Maryland, for Health Professions Scholarship, under the direction of College of Optometry, for period July 1, 1973 through June 30, 1975. (I.D. No. 05L390077 74 BHL40; Former No. 4 7 45 0430 15 1)
- r. \$5,852.00 additional grant from Department of Health, Education, and Welfare, National Institute of Education, Contracts and Grants Management Division, Washington, D. C., for Development of a Career Education Occupational Exploration Program, under the direction of Center for Vocational and Technical Education, for period March 1, 1974 through June 30, 1974. (Contract No. NE-C-00-4-0012, Modification No. 2)
- s. \$5,589.00 additional grant from Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, for Postdoctoral Training in Neurological Surgery, under the direction of Department of Surgery, for period July 1, 1973 through June 30, 1974. (Grant No. 3 T01 NS05529-08S1)
- t. \$3,500.00 granted by Department of the Interior, Bureau of Sport Fisheries and Wildlife, Washington, D. C., for preparation of a report detailing types, distribution, and hazards to wildlife from radio-active isotopes released into the environment by nuclear power plants, under the direction of Department of Zoology, for period April 1, 1974 through September 30, 1974. (Contract No. 14-16-0008-1137)
- u. \$3,262.00 additional grant from Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, for Orthopaedic Education for Medical School Careers, under the direction of Department of Surgery, for period April 1, 1974 through June 30, 1975. (Grant No. 3 T01 AM05695-02S1)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

A. Office of Fiscal Affairs and the Treasurer of the University (continued)

1. Federal Contracts/Grants (continued)

- v. \$2,121.00 granted by Department of the Navy, Supply Officer, Navy Recruiting Area Four, Columbus, Ohio, for Evaluation of Navy Display Booth, APGA Conference April 8 through 12, 1974, under the direction of Center for Vocational and Technical Education. (Contract No. N62914-74-M-0142)
- w. \$720.00 additional grant from Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, for Chromosome: Regulation, Organization and Function, Development Award - Research Career Program, under the direction of Department of Microbiology, for period January 1, 1974 through December 31, 1974. (Grant No. 3 K04 GM70300-02S1)

TOTAL - Federal Contracts/Grants \$754,208.00

2. State of Ohio Contract/Grant

- a. \$39,749.00 granted by State of Ohio, The Ohio Advisory Council for Vocational Education, Columbus, Ohio, for Evaluation Studies, under the direction of Center for Vocational and Technical Education, for period April 1, 1974 through November 30, 1974.

3. Industrial and Other Contracts/Grants

- a. \$22,968.53 granted by Charleston County Schools, Charleston, South Carolina, for providing a continuing organizational structure to facilitate the development and implementation of career education in the member school districts in the Alliance for Career Education, under the direction of Center for Vocational and Technical Education, effective February 1, 1974. (Contract No. CVTE/ACE-121-CCSC-74)
- b. \$21,809.23 granted by Flint Community Schools, Flint, Michigan, for providing a continuing organizational structure to facilitate the development and implementation of career education in the member school districts in the Alliance for Career Education, under the direction of Center for Vocational and Technical Education, effective February 1, 1974. (Contract No. CVTE/ACE-118-FCSC-74)
- c. \$17,675.74 granted by Salinas Union High School District, Salinas, California, for providing a continuing organizational structure to facilitate the development and implementation of career education in the member school districts in the Alliance for Career Education, under the direction of Center for Vocational and Technical Education, effective February 1, 1974. (Contract No. CVTE/ACE-117-SUHS-74)



May 3, 1974 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

A. Office of Fiscal Affairs and the Treasurer of the University (continued)

3. Industrial and Other Contracts/Grants (continued)

- d. \$16,025.67 granted by Columbus Metropolitan Area Community Action Organization, Columbus, Ohio, for support of New Careers Program, under the direction of College of Administrative Science, for period January 3, 1974 through June 30, 1974. (DOL Contract No. N5-2519-39)
- e. \$13,629.00 additional grant from Columbus Metropolitan Area Community Action Organization, Columbus, Ohio, for support of New Careers Program, under the direction of School of Social Work, for period January 3, 1974 through June 30, 1974. (DOL Contract No. 2519-39)
- f. \$12,500.00 granted by Madison Township Local Schools, Trotwood, Ohio, for Planning Service for a New Junior High School and a New Elementary School, under the direction of Academic Faculty of Educational Administration.
- g. \$11,972.04 granted by Madison Public Schools, Madison, Wisconsin, for providing a continuing organizational structure to facilitate the development and implementation of career education in the member school districts in the Alliance for Career Education, under the direction of Center for Vocational and Technical Education, effective February 1, 1974. (Contract No. CVTE/ACE-116-MPSC-74)
- h. \$5,800.00 granted by The Delaware City Board of Education, Delaware, Ohio, for School Facilities Survey of Delaware, Ohio, under the direction of Academic Faculty of Educational Administration, for period March 1, 1974 through August 15, 1974.
- i. \$5,793.34 granted by Milwaukee Public Schools, Milwaukee, Wisconsin, for providing a continuing organizational structure to facilitate the development and implementation of career education in the member school districts in the Alliance for Career Education, under the direction of Center for Vocational and Technical Education, effective March 8, 1974. (Contract No. CVTE/ACE-120-MPSC-74)
- j. \$5,553.34 granted by Anne Arundel County Schools, Glen Burne, Maryland, for providing a continuing organizational structure to facilitate the development and implementation of career education in the member school districts in the Alliance for Career Education, under the direction of Center for Vocational and Technical Education, effective February 1, 1974. (Contract No. CVTE/ACE-114-AACS-74)

TOTAL - Industrial and Other Contracts/Grants \$133,726.89

May 3, 1974 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation

1. Federal Research Contracts/Grants

- a. \$959,140.00 from Department of Labor, Manpower Administration, Washington, D. C., for National Longitudinal Studies of Labor Force Behavior, under the direction of College of Administrative Science, Division of Research, Center for Human Resource Research, for period July 1, 1972 through June 30, 1975. (Project 3489-A1 - Mod. #5)
- b. \$133,323.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, for Transfer Factor Therapy of Sarcoma, under the direction of Department of Medicine, for period April 1, 1974 through March 31, 1975. (Project 3888-A1 - New)
- c. \$89,683.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Division of Physical and Health Professions Education, Bethesda, Maryland, for Health Professions Special Project Grant Program, under the direction of Department of Medicine, for period July 1, 1973 through June 30, 1974. (Project 3517-A2 - Sup. #1)
- d. \$87,286.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, for In vitro Study of the Nature of Interaction Between Chemical and Viral Carcinogens, under the direction of Department of Veterinary Pathobiology, for period February 20, 1974 through December 19, 1974. (Project 3885-A1 - New)
- e. \$78,287.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, for Chemical Studies Related to Hydrocarbon Carcinogenesis, under the direction of Department of Chemistry, for period June 1, 1974 through May 31, 1975. (Project 3284-A4 - Ext. #3)
- f. \$74,900.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, for Therapy of Patients with Bronchogenic Carcinoma, under the direction of Department of Surgery, for period March 15, 1973 through March 14, 1976. (Project 3648-A1 - Mod. #1)

May 3, 1974 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts/Grants (continued)

- g. \$68,098.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, for Transfer Factor Immunotherapy of Cancer, under the direction of Department of Medicine, for period March 1, 1974 through February 28, 1975. (Project 3674-A2 - Ext. #1)
- h. \$60,000.00 from Department of the Army, Eustis Directorate, Army Air Mobility Research and Development Laboratory, Ft. Eustis, Virginia, for Investigation of Accelerated Life Prediction Techniques, under the direction of Department of Mechanical Engineering, for period March 1, 1974 through January 15, 1975. (Project 3882-A1 - New)
- i. \$50,336.00 from U. S. Atomic Energy Commission, Argonne, Illinois, for Pulse Radiolysis Studies of Fast Reaction in Molecular Systems, under the direction of Department of Chemistry, for period February 1, 1974 through January 31, 1975. (Project 2589-F - Mod. #3-1)
- j. \$50,000.00 from Department of the Navy, Office of Naval Research, Arlington, Virginia, for Development of a Design Handbook on Stress-Corrosion Cracking, under the direction of Department of Metallurgical Engineering, for period December 15, 1973 through December 14, 1974. (Project 3875-A1 - New)
- k. \$50,000.00 from U. S. Atomic Energy Commission, Argonne, Illinois, for Corrosion, Stress Corrosion Cracking, and Electrochemistry of Iron and Nickel Base Alloys in Caustic Environments, under the direction of Department of Metallurgical Engineering, for the period March 1, 1974 through February 28, 1975. (Project 3886-A1 - New)
- l. \$46,312.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, for Yaba Virus Oncogenesis Immunologic and Viral Factors, under the direction of Department of Veterinary Pathobiology, for period April 1, 1974 through March 31, 1975. (Project 2899-D - Ext. #6)
- m. \$40,280.00 from Department of the Air Force, Office of Scientific Research, Arlington, Virginia, for Ignition, Combustion, Detonation, and Arresting of Unconfined and Confined Reactive Mixtures, under the direction of Department of Aeronautical and Astronautical Engineering, for period April 1, 1973 through March 31, 1975. (Project 3641-A1 - Mod. AFOSR-73-2511A)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts/Grants (continued)

- n. \$40,000.00 from Department of the Army, Defense Civil Preparedness Agency, Washington, D. C., for Disaster Response and Planning, under the direction of Department of Sociology, for period April 1, 1974 through March 31, 1975. (Project 3395-A1 - Mod. #P442-4)
- o. \$35,000.00 from National Science Foundation, Washington, D. C., for Studies on Galactose-1-P Uridyl-yl-transferase, under the direction of Department of Chemistry, for period March 1, 1974 through February 29, 1976. (Project 3883-A1 - New)
- p. \$34,510.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, for Modification of Cellular Immunity to Neoplasia in Man, under the direction of Department of Medicine, for period February 1, 1974 through January 31, 1975. (Project 3399-A3 - Ext. #2)
- q. \$33,218.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, for Synthesis of Carcinogenic Compounds, under the direction of Department of Chemistry, for period March 1, 1974 through February 28, 1975. (Project 1809-J - Ext. #10)
- r. \$32,000.00 from Department of the Navy, Office of Naval Research, Arlington, Virginia, for Alloy Corrosion, under the direction of Department of Metallurgical Engineering, for period March 1, 1974 through February 28, 1975. (Project 3003-A1 - Mod. #05)
- s. \$30,501.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, for Dynamics of O2 and CO2 Regulation, under the direction of Department of Physiology, for period April 1, 1974 through March 31, 1975. (Project 3464-A3 - Ext. #2)
- t. \$30,000.00 from Department of the Navy, Arlington, Virginia, for Defense Contract Laws Course, under the direction of College of Administrative Science, Division of Continuing Education, for period August 1, 1972 through December 31, 1974. (Project 3548-A1 - Mod. #01)

May 3, 1974 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts/Grants (continued)

- u. \$29,997.00 from Department of the Navy, Naval Regional Procurement Office, Officer-in-Charge, Long Beach, California, for Pattern Optimization of Wing Mounted Array Antennas at NHF, under the direction of Department of Electrical Engineering, for period March 1, 1974 through February 28, 1975. (Project 3884-A1 - New)
- v. \$20,000.00 additional funds from Environmental Protection Agency, National Environmental Research Center, Research Triangle Park, New York, for Mechanisms of Photochemically Initiated Oxidation, under the direction of Department of Chemistry. (Project 1220-N - Amend. #1)
- w. \$15,000.00 from National Science Foundation, Washington, D. C., for Equipment Grant--Spectroscopic Instrumentation, under the direction of Department of Physics, for period April 1, 1974 through September 30, 1975. (Project 3889-A1 - New)
- x. \$8,000.00 from Department of the Air Force, Air Force Systems Command, Headquarters 4950th Test Wing, Wright-Patterson Air Force Base, Ohio, for Development of High Density Gas Diagnostics for High Speed Aerodynamics, under the direction of Department of Aeronautical and Astronautical Engineering, for period April 1, 1974 through April 1, 1975. (Project 3890-A1 - New)
- y. \$7,307.00 additional funds from Department of the Army, Huntington District, Corps of Engineers, Huntington, West Virginia, for Environmental Analysis of Central Ohio, under the direction of College of Biological Sciences, Ohio Biological Survey and College of Engineering, School of Architecture. (Project 3492-C1 - Ltr. Dtd. 3/6/74)
- z. \$7,000.00 from Department of the Navy, Office of Naval Research, Arlington, Virginia, for Nuclear Magnetic Resonance, under the direction of Department of Chemistry, for period July 1, 1973 through June 30, 1974. (Project 3803-A1 - Mod. #01)
- aa. \$4,143.00 additional funds from Department of the Army, Huntington District, Corps of Engineers, Huntington, West Virginia, for Environmental Analysis of Central Ohio, under the direction of College of Biological Sciences, Ohio Biological Survey. (Project 3492-A1 - Ltr. Dtd. 3/6/74)

TOTAL - Federal Research Contracts/Grants \$2,114,321.00

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

2. State of Ohio Research Contract/Grant

- a. \$1,700.00 from State of Ohio, Department of Mental Health and Mental Retardation, Division of Forensic Psychiatry, Columbus, Ohio, for Computer Services--Dayton-Montgomery Forensic Center, under the direction of College of Administrative Science, Division of Public Administration, for period February 25, 1974 through September 30, 1974. (Project 3595-B2 - New)

3. Industrial, Subcontracts/Grants and Other  
Non-Federal Research Contracts/Grants

- a. \$283,750.00 additional funds from Edison Electric Institute, New York, New York, for Stress Corrosion Cracking of Stainless Steels and Inconels, under the direction of Department of Metallurgical Engineering. (Project 3507-A1 - Dtd. 2/28/74)
- b. \$15,000.00 additional funds from Union Carbide Corporation, Nuclear Division, Oak Ridge, Tennessee, for Fundamental Study of Spiking in Partial Penetration Electron Beam Welding of Uranium and Refractory Materials, under the direction of Department of Welding Engineering. (Project 2918-C - Sup. Agreement #8)
- c. \$10,464.00 from University of Oklahoma, Norman, Oklahoma, for Characterization and Analysis of University-Connected Research Foundation, under the direction of The Ohio State University Research Foundation, for period February 1, 1974 through April 30, 1975. (Project 3887-A1 - New)

TOTAL - Industrial, Subcontracts/Grants and Other  
Non-Federal Research Contracts/Grants \$309,214.00

C. The Engineering Experiment Station

1. Industrial and Other Research Contract

- a. \$14,318.00 from Labrenz Riemer Incorporated, Columbus, Ohio, for Assistance in the Preparation of a Comprehensive Water-course Plan, under the direction of School of Architecture, for period February 22, 1974 through June 7, 1974. (EES 477)

May 3, 1974 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund

1. Gifts of \$5,000 or More

- a. \$100,000.00 from The Kiplinger Foundation, Inc., Washington, D. C., for the Willard M. Kiplinger Chair in Public Affairs Reporting.
- b. \$51,748.76 from The Associates of Medicine, Columbus, Ohio, for continued support of the Department of Medicine General Fund.
- c. \$33,800.00 from Stern Fund, New York, New York, for the College of Medicine, to be used for investigation into transfer factor immunotherapy in cancer.
- d. \$25,000.00 from Estate of Herman V. Glunz, Cleveland, Ohio, for scholarships for undergraduate and/or fellowships for graduate students in the College of Engineering.
- e. \$25,000.00 from The F. & R. Lazarus & Company, Columbus, Ohio, for the Robert Lazarus Student Loan Fund.
- f. \$21,500.00 from Estate of Olline G. Hyman, Columbus, Ohio, for the Department of Ophthalmology for eye research.
- g. \$13,750.00 from Estate of Elizabeth D. Jones, Cincinnati, Ohio, for an endowed scholarship in the College of Veterinary Medicine.
- h. \$12,810.00 from Ohio Electric Utility Institute, Columbus, Ohio, for its fellowship fund in the Department of Electrical Engineering.
- i. \$10,000.00 from Westinghouse Educational Foundation, Pittsburgh, Pennsylvania, for support of the Lamme Power Systems Laboratory.
- j. \$7,765.00 from The Charles F. High Foundation, Bucyrus, Ohio, for its named scholarship fund.
- k. \$6,346.00 from The Grace High Washburn Trust, Bucyrus, Ohio, for its scholarship fund.
- l. \$6,000.00 from PPG Industries Foundation, Pittsburgh, Pennsylvania, to purchase laboratory equipment for the Department of Mechanical Engineering.
- m. \$5,893.73 from Association of Home Appliance Manufacturers, Chicago, Illinois, for an endowed fund for use by the School of Home Economics.
- n. \$5,500.00 from National Steel Corporation, Weirton, West Virginia, for its fellowship in the Department of Metallurgical Engineering.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund (continued)

1. Gifts of \$5,000 or More (continued)

- o. \$5,400.00 from Trust Under the Will of Anna Roessler, Columbus, Ohio, for continuing support of research scholarships for students enrolled in the College of Medicine.
- p. \$5,170.51 from Antique Show Receipts (given in the name of Mrs. Josephine Sitterle Failer, Columbus, Ohio), for a purpose to be designated at a later date.
- q. \$5,000.00 from Estate of Eugene John Weigel, Columbus, Ohio, for scholarships to undergraduate female students in the School of Music.

2. Establishment of Named Funds

- a. \$25,000.00 from the membership of the International Brotherhood of Electrical Workers, Local 683, Columbus, Ohio, for the establishment of the A. Z. Larison/Local 683 I. B. E. W. Scholarship Fund.

A. Z. Larison/Local 683 I. B. E. W. Scholarship Fund

The A. Z. Larison/Local 683 I. B. E. W. Scholarship Fund was established May 3, 1974, by the Board of Trustees of The Ohio State University, with a gift from the membership of the International Brotherhood of Electrical Workers, Local 683, Columbus, Ohio, to commemorate the memory of Mr. A. Z. Larison, the first Business Manager of Local 683.

The original gift, and all subsequent gifts, are to be invested in The Ohio State University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income from this fund is to be used to provide scholarships awarded on the bases of need and merit to sons, daughters, and wards of members of Local 683 of the International Brotherhood of Electrical Workers. The University's Student Financial Aids Committee is to evaluate applicants and make the selections annually. The awards are renewable annually through four years of undergraduate study.



III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund (continued)

2. Establishment of Named Funds (continued)

a. A. Z. Larison/Local 683 I. B. E. W. Scholarship Fund (continued)

Should the need for these scholarships cease to exist, or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by The Ohio State University Board of Trustees, with preference being given to recommendations from the Office of Student Financial Aids and the Business Manager of I. B. E. W. Local 683.

- b. \$15,600.00 from family, alumni, and other friends of the University, as well as gifts from The Ohio State University Association Board of Directors and The Ohio State University Development Fund Board of Directors for the establishment of the Richard M. Mall Memorial Scholarship Fund.

Richard M. Mall Memorial Scholarship Fund

The Richard M. Mall Memorial Scholarship Fund was established May 3, 1974, by the Board of Trustees of The Ohio State University with gifts through the Development Fund from family, alumni, and other friends of the University, as well as gifts from The Ohio State University Association Board of Directors and The Ohio State University Development Fund Board of Directors, in memory of Dr. Richard M. Mall, M.A. '49, Ph.D. '52, late of Columbus, Ohio, Director of Alumni Affairs, Editor of the MONTHLY, and Executive Director of The Ohio State University Development Fund, 1967 to 1973, Professor of Speech, 1960 to 1973, and faculty member since 1947.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide scholarships for undergraduate student leaders, these students to be selected by the University Scholarship Committee.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, or should the University Scholarship Committee cease to exist, through any reorganization of the University, then the income may be used for any purpose whatsoever as determined

May 3, 1974 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund (continued)

2. Establishment of Named Funds (continued)

b. Richard M. Mall Memorial Scholarship Fund (continued)

by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for the student financial aids program.

- c. \$1,000.00 from R. Richard McNeal for the establishment of The R. Richard McNeal Scholarship Fund.

The R. Richard McNeal Scholarship Fund

The R. Richard McNeal Scholarship Fund was established May 3, 1974, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from R. Richard McNeal, Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for undergraduate students who have demonstrated academic ability and need for financial assistance. The students must be enrolled in the College of Education. The selection of the recipient(s) is to be made by the University Scholarship Committee upon the recommendation of the Dean of the College of Education.

Should the need for the scholarship cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for scholarships.

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IV. BUSINESS AND ADMINISTRATION

A. Architect or Engineer

1. University Hospital, Air Conditioning Improvements

President Enarson recommended that the engineering firm of W. E. Monks, Columbus, Ohio, be employed to provide complete engineering services required including preliminary, basic and final bidding documents and cost estimates.

IV. BUSINESS AND ADMINISTRATION (continued)

A. Architect or Engineer (continued)

1. University Hospital, Air Conditioning Improvements (continued)

The fee for this service will be negotiated between the engineering firm and the Division of Public Works. The total estimated project cost is \$303,570.

Funds for this service have been provided from Budget Account 960200 (Hospital Rotary).

Upon motion of Mr. Safford, seconded by Mr. Gushman, the above recommendation was approved by unanimous roll call vote.

B. Plans and Specifications

At the request of the Vice President for Business and Administration, President Enarson recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees.

1. Mahoning County Area Extension Center

This center will be located in Canfield, Ohio, and will provide agricultural extension services for the nine-county area of Northeastern Ohio and for the Mahoning County Extension Office.

Funds are budgeted in H. B. 985, Item 315-087 (Mahoning County Area Extension Center).

2. Mansfield Campus--Recreational Facility

This project will provide two tennis courts and one multi-purpose court for basketball and volleyball. At present there is no recreational facility of this type on the Mansfield Campus.

Funds are budgeted in Budget Account 801299 (Mansfield Recreation Courts).

3. Means Hall--Renovation of Elevators

This project will provide for replacement of two passenger elevators and one freight elevator with a passenger elevator. The existing elevators were installed in 1948 for the Tuberculosis Hospital.

Funds are budgeted in Budget Account 801297 (Means Hall Elevators).

May 3, 1974 meeting, Board of Trustees

IV. BUSINESS AND ADMINISTRATION (continued)

B. Plans and Specifications (continued)

4. Parking Lot Renovation--Eleventh and Worthington Avenues

This project will provide compatible grading plans to expand the number of existing parking spaces.

Funds are budgeted in Budget Account 801292 (Parking Lots West Tenth - West Eleventh Avenues).

5. Evans Laboratory - Ventilation (Phase I, First Floor)

This project will improve the ventilation of the first floor laboratories for the purpose of eliminating safety hazards to students and all University personnel.

Funds are budgeted in H. B. 985, Item 315-074 (Utilities and Renovation).

Upon motion of Mr. Harrod, seconded by Dr. Sirak, the above recommendations were approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. The Vice President for Business and Administration was directed to proceed with a request for bids in the normal University manner, and if satisfactory bids are received to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

C. Report of Award of Contracts

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and the contracts were recommended for award. The action reported to the Board was as follows:

1. Arps Hall, College of Education--Library Improvements

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(3 bids received 4-17-74)		
A. L. Meyer Construction (Columbus)	\$ 17,442.00*	\$ 11,908.00
<u>Heating, Ventilating, and Air Conditioning Contract</u>		
(3 bids received 4-17-74)		
Farber Corporation (Columbus)	11,700.00*	9,443.00

\*Bids received were above the estimate of cost but it is believed that no better bids could be obtained by readvertising.

May 3, 1974 meeting, Board of Trustees

IV. BUSINESS AND ADMINISTRATION (continued)

C. Report of Award of Contracts (continued)

1. Arps Hall, College of Education--Library Improvements (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electric Contract</u> (3 bids received 4-17-74)		
Claggett Electric (Columbus)	\$ 7,262.00	\$ 10,817.00
<u>Total All Contracts</u>	<u>\$ 36,404.00*</u>	<u>\$ 32,168.00</u>

\*Bids received were above the estimate of cost but it is believed that no better bids could be obtained by readvertising.

Funds for this project have been provided in H. B. 985, Item 315-074 (Utilities and Renovation).

2. Electric Trunk Lines--Utility Substation

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electric Contract</u> (2 bids received 4-2-74)		
Jess Howard Electric Company (Blacklick, Ohio)		
Base bid	\$ 99,708.00	\$144,200.00
Alt. E-1 Rewire feeder cables for Bio Sciences and Drake Union to new substation and demolish the existing meter station	+ 41,869.00	+ 23,100.00
<u>Total Contract</u>	<u>\$141,577.00</u>	<u>\$167,300.00</u>

Funds for this project have been provided in H. B. 985, Item 315-074 (Utilities and Renovation).

Upon motion of Mr. Harrod, seconded by Dr. Sirak, the above award of contracts and expenditure of funds were approved and the action of the Vice President for Business and Administration was ratified by unanimous roll call vote.

D. Other

1. WTVN--Broadcasting Tower Lease

At last month's meeting, this Board authorized the University's Administration through the Division of Public Works to negotiate a lease

May 3, 1974 meeting, Board of Trustees

IV. BUSINESS AND ADMINISTRATION (continued)

D. Other (continued)

with Taft Broadcasting Company for lease of a parcel of University property for the purpose of erecting a television broadcasting tower. This negotiation has now been completed and the lease with some minor modifications is ready for approval by both parties.

It was recommended that the President and/or the Vice President for Business and Administration be authorized to enter into this lease on behalf of The Ohio State University.

Upon motion of Mr. Harrod, seconded by Mr. Safford, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

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V. REPORTS

A. Report of Auditor of State - The Ohio State University Hospitals

The Annual Report of the Auditor of State for The Ohio State University Hospitals for the fiscal year 1971-1972 has been received and reviewed by the appropriate officers of the University.

The accounts, records, files, and reports of The Ohio State University Hospitals were found to be in order with a limited number of exceptions which have since been accommodated.

President Enarson recommended that this Report of the Auditor of State for the fiscal year 1971-1972 for The Ohio State University Hospitals be received and filed with the official documents of the University.

Action on the foregoing recommendation was deferred until the June meeting.

B. Report on the University's Investment Portfolio

The report dated April 26, 1974, as submitted to the Finance Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

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Thereupon the Board adjourned to meet Thursday, June 6, 1974, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

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Edward Q. Moulton  
Secretary

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Don M. Hilliker  
Chairman

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND NINETY-SEVENTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, June 14, 1974

The Board of Trustees met at its regular monthly meeting on Friday, June 14, 1974, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: John H. Dunlap, Vice Chairman, Don M. Hilliker, M. Merle Harrod, John L. Gushman, Howard D. Sirak, Patricia D. James, and John W. Kessler.

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Minutes of the last meeting were approved.

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The Vice Chairman, Mr. Dunlap, introduced the new member of the Board of Trustees of The Ohio State University:

John W. Kessler, who was appointed by Governor John J. Gilligan to succeed Mr. James W. Shocknessy, for the term beginning May 14, 1974 and ending May 13, 1983.

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Vice Chairman Dunlap presided in the absence of Chairman Safford.

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#### RESOLUTIONS IN MEMORIAM

President Enarson reported to the Board the deaths of Clarence C. Bowen, Associate Professor Emeritus in the Department of Agricultural Economics and Rural Sociology; Lawrence Francis Hill, Professor Emeritus in the Department of History; William E. Lynch, University Architect Emeritus; Richard C. Miller, Professor Emeritus in the Department of Agricultural Engineering; and Gates S. Vickers, Assistant Professor Emeritus in the Cooperative Extension Service. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

##### A. Clarence C. Bowen

The Board of Trustees of The Ohio State University expresses its sorrow at the death on May 4, 1974, of Clarence C. Bowen, Associate Professor Emeritus in the Department of Agricultural Economics and Rural Sociology.

Professor Bowen was born on August 16, 1909, in Montpelier, Ohio, where he graduated from high school in 1926. Following graduation from high school, Professor Bowen entered Ohio State University and received his Bachelor of Science degree with a major in agricultural education in June of 1930. In the autumn of that year he accepted a position as instructor of vocational agriculture at Cheshire High School, a position he held until 1935. In 1935 he accepted a similar position at St. Paris and Rosewood High School, a position he held until 1939. In 1939 he became a vocational agriculture instructor at Covington High School and held this position until 1943. During the period 1943-1947, he was a technician with the Western Ohio Breeders Association. In 1943, he became a livestock marketing county agriculture agent in Preble County, Eaton, Ohio. He held this position until 1959. In 1959, he accepted a position in the Department of Agricultural Economics and Rural Sociology at Ohio State University as a livestock marketing specialist. He held this position until his retirement in 1973.

During the period of his association with the Department of Agricultural Economics and Rural Sociology at Ohio State University, one of his most significant contributions was the development, demonstration, and evaluation of carcass weight and grade selling of beef and hogs in Ohio. He worked closely with Ohio meat packers and livestock market operators. He was a co-author of the Cooperative Extension Service Bulletin, "Auction Selling of Slaughtered Cattle on a Carcass Basis--An Alternative Approach." This publication had a major impact in Ohio and was reprinted primarily because of the unexpected demand from other states throughout the United States. Professor Bowen was really an agent of change in the livestock industry in Ohio and because of his work there has been a large increase in the proportion of Ohio beef and hogs sold on a weight and carcass grade basis. The livestock marketing industry and consumers generally are benefiting from the work he did in this area.



RESOLUTIONS IN MEMORIAM (continued)

A. Clarence C. Bowen (continued)

In 1967 through a program sponsored by the Agency for International Development of the USA, Professor Bowen served three months as a consultant to the Brazilian Meat Type Hog Production and Marketing Program in Brazil. In this capacity, he was responsible for developing a meat type hog production and marketing program for this nation.

Professor Bowen was a member of Gamma Sigma Delta, the honor society of agriculture, the American Economics Association, the Ohio Pork Improvement Association, and the American Agricultural Economics Association.

On behalf of The Ohio State University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family and the University have sustained.

B. Lawrence Francis Hill

The Board of Trustees of The Ohio State University expresses its sorrow at the death on May 6, 1974, of Lawrence Francis Hill, Professor Emeritus in the Department of History.

Professor Hill was born in Bivins, Texas, November 19, 1890. He received a B.S. degree from West Texas State College in 1915; an A.B. degree in 1919, a M.A. degree in 1921, and a Ph.D. degree in 1923, all three from the University of California at Berkeley. He was an Assistant Professor of History at East Texas State College, 1919-1920, and was appointed Assistant Professor of History at The Ohio State University in 1922. He was promoted to the rank of Associate Professor in 1927 and to Professor in 1933, which position he held until 1959 when he became an Emeritus Professor. He also served as Acting Chairman of the Department of History for the year, 1948-1949. He held summer appointments at the University of Nevada, 1921, University of Michigan, 1927 and 1942, University of Colorado, 1932, and Duke University, 1939. Following retirement, he taught at Southern Illinois University, the University of Kansas, and the University of Denver. During World War II he served as an adviser to the Office of Strategic Services from 1941 to 1945, and in 1944 he went to Brazil on a cultural mission for the Department of State.

Professor Hill was recognized as one of the prominent American scholars regarding the affairs of Brazil, and his volume entitled Diplomatic Relations Between the United States and Brazil, published in 1932 by the Duke University Press, has remained the outstanding study of this subject. He was the author of three other books: Jose de Escandon and the Founding of Nuevo Santander; The Confederate Exodus to Latin-America; and Brazil. In addition he contributed a score of articles to scholarly periodicals and reviewed more than one hundred books for professional journals.

Professor Hill was a member of the Mississippi Valley Historical Association, the Conference of Hispanic American History, the Society of American

RESOLUTIONS IN MEMORIAM (continued)

B. Lawrence Francis Hill (continued)

Historians, the Ohio Historical Society, and the American Historical Association, in which he played an active role. At the time of his retirement he was Chairman of the Latin American Conference of the American Historical Association. Professor Hill was elected an honorary member of Phi Beta Kappa.

As a valued member of the Faculty of the Department of History for thirty-seven years, Professor Hill was a warm-hearted, interested, cordial, and candid adviser of many students. As a teacher, he was very exacting and his students were superbly trained. He possessed a vigorous, crisp personality. Before he attended college he worked as a ranchman in West Texas and at one time he played semi-professional baseball. Rugged characteristics and skills developed during these early years remained with him throughout his life. After retirement and post-retirement teaching, he made his home in Colorado.

On behalf of the University, the Board of Trustees expresses to the family and his friends its deep sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

C. William E. Linch

The Board of Trustees of The Ohio State University expresses its sorrow at the death on May 25, 1974, of William E. Linch, University Architect Emeritus.

Born November 21, 1895, in Steubenville, Ohio, Mr. Linch graduated from The Ohio State University, June, 1921, with the degree of Bachelor of Architectural Engineering. During his school years he was President of Strollers Dramatic Club and was a member of the Glee Club, Scarlet Mask, and Alpha Tau Omega fraternity.

Prior to his University service, Mr. Linch was employed by the architectural firms of York and Sawyer in New York and Robert S. Harsh Associates in Columbus. During the years 1930 through 1944 he served in the Office of the State Architect and from 1945 to 1956 was a member of the firm of Sims, Cornelius, and Schooley.

In February, 1956, Mr. Linch was appointed University Architect to succeed retiring Professor Howard Dwight Smith. As University Architect, Mr. Linch was a member of the Council on Business Affairs, chaired by the Vice President and Business Manager. Under his leadership, 71 buildings on the campus were constructed, remodeled or received major additions. During this period, the increased volume of construction forced a gradual shift of design work to off-campus architectural firms, with some design work continuing in-house. In this capacity, he gained the respect and admiration of the prominent professional and nonprofessional associates in the construction industry.

RESOLUTIONS IN MEMORIAM (continued)

C. William E. Linch (continued)

Mr. Linch retired from full-time service, effective July 1, 1966, and continued to serve the University as a Consulting Architect until December, 1969.

His many professional and community affiliations included membership in the First Community Church, the Downtown Rotary Club, the Players Club, the Faculty Club, the American Institute of Architects, and the Association of University Architects. Mr. Linch was one of a very select group of men to have been given the 33rd degree in Masonry and was a member of the Scottish Rite and Aladdin Temple Shrine.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Linch its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to Mrs. Linch as sincere appreciation of the Board's realization of the loss which the family, the University, his many friends and associates have sustained.

D. Richard C. Miller

The Board of Trustees of The Ohio State University expresses its sorrow at the death on April 20, 1974, of Richard C. Miller, Professor Emeritus in the Department of Agricultural Engineering.

Professor Miller was born in Jackson, Minnesota, on January 6, 1892. He began his career in Agricultural Engineering at Iowa State University where he received his B.S. degree in 1916. In the fall of 1916, he was employed as Extension Specialist in the Agricultural Engineering Department at The Ohio State University. This was followed by an Instructorship in the Department of Agricultural Engineering at Iowa State University, Ames, Iowa. In 1918, he entered military service and served as a Second Lieutenant in the Army Engineers Corps in France until the Spring of 1919. He then taught Mathematics, History, Drawing, and Agriculture in the Iowa Public School System from 1919 to 1923. He then joined the faculty at the North Dakota Agriculture College where he was instrumental in developing the Agricultural Engineering Department, as well as conducting research, teaching, and extension programs in Agricultural Engineering. In 1930, Professor Miller returned to The Ohio State University where he conducted a very active program of teaching, research, and extension in the Agricultural Engineering Department. He held this position until his retirement in 1962 to become Professor Emeritus.

Professor Miller was recognized as an outstanding teacher who managed to teach students how to "think." He was also recognized as a leader and a pioneer in research dealing with the artificial drying of crops such as ear corn, shelled corn, and alfalfa hay. He authored numerous technical papers, building plans, fact sheets, and popular articles on his work. Professor Miller was a member of the American Society of Agricultural Engineers, the American Society of Engineering Education, the Ohio Society of Professional Engineers, Tau Beta Pi, and Gamma Sigma Delta.

RESOLUTIONS IN MEMORIAM (continued)

D. Richard C. Miller (continued)

An OSU Agricultural Engineering "R. C. Miller Award" was established in 1972 to honor Professor Miller. The award is supported by gifts by former students, alumni, faculty, and friends of Agricultural Engineering. The award is given annually to the Junior in Agricultural Engineering who best exemplifies the mental qualities which Professor Miller sought to develop in his students.

On behalf of the University, the Board of Trustees expresses to his family its deepest sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heart-felt sympathy in its bereavement.

E. Gates S. Vickers

The Board of Trustees of The Ohio State University expresses its sorrow at the death on April 17, 1974, of Gates S. Vickers, Assistant Professor Emeritus in the Cooperative Extension Service.

Mr. Vickers was born on December 2, 1895, in Canajoharie, New York. He received a Bachelor of Science in Agriculture degree from New Mexico State University in 1917. Following the receipt of a Master of Science degree from Cornell University in 1920 he joined the faculty at The Ohio State University as an Extension Poultry Specialist, a position he retained for seven years. In 1927 he joined the Ohio Poultry Improvement Association, a group responsible to the United States Department of Agriculture for poultry breeding and disease control work in the State of Ohio. Later he organized an industry-wide trade association, The Ohio Poultry Association, and served as its Executive Secretary. On July 1, 1961, Mr. Vickers rejoined The Ohio State University as an Assistant Professor and Extension Poultry Specialist, a position which he retained until retirement in 1966.

During his career in Ohio, Mr. Vickers instituted a certification program for the breeding value and disease control methods used in hatchery flocks that supplied the farmer with chicks for his farm production operation. Under his leadership the hatchery industry in Ohio led the nation in solving one of the major disease problems transmitted through the egg to the chick from the breeder flocks. Mr. Vickers was the co-author of the widely used textbook on hatchery management and as an Extension Poultry Specialist conducted an intensive program for determining the costs of egg production in Ohio that was one of the most comprehensive projects of its kind in the United States. Mr. Vickers was a dynamic speaker and writer and was considered to be a national authority on disease control problems of the hatchery industry.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Vickers its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and a copy be tendered to Mrs. Vickers as sincere appreciation of the Board's realization of the loss which the family, the University, and his many friends and associates have sustained.

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June 14, 1974 meeting, Board of Trustees

President Enarson presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Establishment of School of Public Administration

Upon the recommendations of the College of Administrative Science and the Council on Academic Affairs, the University Senate on May 14, 1974, approved the change in status for the Division of Public Administration to the School of Public Administration, effective July 1, 1974.

The Division of Public Administration was established July 1, 1968, to provide a professional school of public administration in a state-assisted institution of higher education in Ohio in accordance with the Master Plan for State Policy in Higher Education. The committees originally formed to study the need for education in public administration recommended a broad interdisciplinary curriculum that integrated contributions from many disciplines and fields in the graduate professional education of public administrators. Undergraduate programs were not included within the scope of the Division program as either originally or presently contemplated since current needs are best served by graduate instructional programs. Following the establishment of the Division, three graduate degree programs were approved: M.A., M.P.A., and Ph.D., with a field of specialization in Public Administration.

Since its inception this program has experienced a dramatic growth. Presently more than 170 graduate students are enrolled within the Division with over 3,000 student credit hours being taught in 1973-74.

President Enarson recommended that a School of Public Administration be established, effective July 1, 1974, in accordance with the University Senate's recommendation.

Upon motion of Mr. Gushman, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

B. Establishment of an Associate of Arts Program

Upon the recommendations of the Senate of the Colleges of the Arts and Sciences and the Council on Academic Affairs, the University Senate approved the establishment of an Associate of Arts program at the meeting May 14, 1974.

The Associate of Arts Certificate will be awarded upon recommendation of the Faculty of the Arts and Sciences with the approval of the University Senate and the Board of Trustees.

The student will have a great deal of flexibility in designing an Associate of Arts program commensurate with his interests and abilities. It will signify a half-way point in the progression toward a baccalaureate degree only if the student, in consultation with his adviser, includes in his Associate of Arts

June 14, 1974 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Establishment of an Associate of Arts Program (continued)

program those foundational courses (programmatic prerequisites) needed to enable him to move without delay into the upper division portion of his program.

Awarding of the Associate of Arts Certificate in no way relieves the student of the responsibility to meet all University requirements, College requirements, and major program requirements of the baccalaureate program of his choice.

President Enarson recommended that an Associate of Arts program be established, effective upon the approval of the Board of Trustees, in accordance with the University Senate's recommendation.

Upon motion of Mr. Gushman, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

C. Establishment of New Rule 29.2733 and Revision of Rules 28.01, 28.05, 28.07, 28.19, 29.2701, 29.2705, 29.2711, and 29.2721

The University Senate, at its meeting on May 14, 1974, approved changes in three Rules for the University Faculty, 29.2701 (Council on Academic Affairs), 29.2705 (Library Council), and 29.2721 (Committee on Academic Misconduct), relating to the membership, qualifications, and the manner of selecting the members on these Councils and Committee.

At this meeting held May 28, 1974, the University Senate approved the adoption of a new Rule 29.2733, establishing a Committee on Faculty Compensation and Benefits. At the same Senate meeting revisions were approved relating to the University Senate: 28.01 (Membership); 28.05 (Representation and Methods of Selection); 28.07 (Alternate Members); 28.19 (Committees); and 29.2711 (membership and the qualifications for service on the Athletic Council).

President Enarson recommended that the Rules for the University Faculty, as amended by the University Senate, be approved.

Upon motion of Mr. Harrod, seconded by Mr. Gushman, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

D. Honorary Degrees

Upon the recommendation of the Committee on Honorary Degrees, the University Senate at a meeting on May 14, 1974, approved and recommended to the Board of Trustees the following four persons for the honorary degrees as indicated:

Milton Arthur Caniff	Doctor of Humane Letters
Joseph Sandy Himes	Doctor of Science
Walter R. Krill	Doctor of Science
Robert M. Zollinger	Doctor of Science

Establishment of New Rule 29.2733 and Revision of Rules 28.01, 28.05, 28.07, 28.19, 29.2701, 29.2705, 29.2711, and 29.2721

The University Senate in meetings held on May 14, 1974 and May 28, 1974, approved the establishment of a new Rule 29.2733 and the revision of Rules 28.01, 28.05, 28.07, 28.19, 29.2701, 29.2705, 29.2711, and 29.2721 of Rules for the University Faculty. The text of the new Rule and sections of each Rule as modified are as follows:

29.2733. Committee on Faculty Compensation and Benefits.

A. Membership:

1. The committee shall consist of:
  - a. Twelve elected faculty members, at least two of whom also shall be members of the Senate, to serve a three-year term with four to be elected each year;
  - b. The Provost or his designee, ex officio;
  - c. The Vice President for Business and Administration or his designee, ex officio; and
  - d. Additional ex officio, non-voting members and consultants from the University, at the discretion of the committee.

B. Duties:

1. The committee shall study and regularly report to the Senate, no less than once each year, on the adequacy and other attributes of the University's policies and provisions for:
  - a. Salaries, outside professional services and supplemental compensation; and
  - b. Retirement benefits, hospitalization and medical insurance and other health benefits, life insurance, other insurance, travel reimbursement, educational benefits, recreational benefits, and other perquisites, benefits and conditions of faculty employment.
2. In accord with the two major areas of duties as specified under B above, the committee shall designate two standing sub-committees; one to concentrate on faculty salaries and related matters and the second to concentrate on faculty benefits.

C. Committee Review:

1. Prior to the end of its third year of existence, the committee shall present to the University Senate a report covering the role, structure, and functioning of the committee on recommendations for change.

28.01. Membership.

- b. Non-voting Members: Senate Members not entitled to vote on the floor of the Senate, but otherwise to participate in all Senate deliberations, shall include the University Ombudsman, the Director of Alumni Affairs, one representative elected by and from the Intra-University Counselors' Organization, the President of Undergraduate Student Government, the Vice President of Undergraduate Government, the President of the Council of Graduate Students, and the President of the Inter-Professional Council.

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28.05. Representation and Methods of Selection.

- c. The 40 Student Members shall be apportioned and selected as follows:
  - 1. 25 Undergraduate Students to be apportioned in the following manner:
    - 14 Fourteen students to be elected directly by their constituencies according to procedures to be determined by the Undergraduate Student Government to represent the following constituencies:
      - Apartment and Rooming House Districts  
(4 representatives)
      - Town Students (2 representatives)
      - North Campus Area (1 representative)
      - South Campus Area (1 representative)
      - West Campus Area (1 representative)
      - Fraternity and Sorority Houses (1 representative)
      - Regional Campuses (4 representatives)
    - 11 Eleven Student members to be elected according to procedures to be determined by the Undergraduate Student Government to represent the following:
      - One to represent each of the following colleges  
(10 representatives):
        - The Arts, Biological Sciences, Humanities,  
Mathematics and Physical Sciences, Social  
and Behavioral Sciences, Administrative  
Science, Agriculture and Home Economics,  
Education, Engineering, Pharmacy;
      - One representing University College.
  - 2. 5 Five Student Members to be elected according to procedures to be determined by the Inter-Professional Council, one to represent each of the following graduate professional colleges:



28.05. Representation and Methods of Selection. (continued)

Dentistry  
Law  
Medicine

Optometry  
Veterinary Medicine

3. 10 Ten Student Members to be elected according to procedures to be determined by the Council of Graduate Students, one to represent each of the following graduate areas:

Administrative Science  
Agricultural Sciences  
The Arts  
Biological Sciences  
Education  
Engineering Sciences  
Humanities

Physical Sciences and  
Mathematics  
Professional Biological  
Sciences  
Social and Behavioral  
Sciences

4. In the event of a concurrent vacancy during the term of both the elected Student Member and his/her Alternate, the President with the advice and consent of his/her respective Council or governing body shall appoint a student from the Member's constituency.

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28.07. Alternate Members.

- c. A Student Member shall designate an Alternate from his constituency in the following way:
1. The Student's runner-up in his/her Senatorial election shall be declared his/her Alternate by his/her Council or governing body.
- a. In the event of a vacancy in the Alternate's position during the year the Student Member shall designate one from his/her constituency with the advice and consent of his/her Council or governing body.
- d. Non-voting members (see Rule 28.01.b.) shall designate their Alternates from their respective constituencies or offices.

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28.19. Committees.

1. Steering Committee

The Steering Committee shall consist of 13 members apportioned as follows: 6 Faculty, 1 elected Dean, 2 Administrators, and 4 Students. The Faculty representatives, 3 of whom shall be elected each year, and the elected Dean shall serve two-year terms and be ineligible for immediate re-election. The Student members shall serve one-year terms but be eligible for election to a second term. The representatives from the Administration shall be the Provost and the Vice President for Business and Administration. The (elected) members of the Steering Committee shall be chosen as follows:

The Faculty Membership shall nominate a slate of at least 3 and no more than 6 faculty representatives.

The representatives of the Administration shall nominate at least 1 and no more than 2 Deans when a new representative is to be elected.

The four Student Members shall be as follows:

- 1 The President of the Inter-Professional Council
- 1 The President of the Council of Graduate Students
- 1 The President of the Undergraduate Student Government
- 1 1 Elected from the Undergraduate Student Membership of the Senate

A special meeting of Members selected to serve for the following academic year shall be held in June for the purpose of electing the members of the Steering Committee. Written nominations shall be sent to the Membership at least seven days prior to this meeting. The Membership of the new Senate shall elect the Committee members from among these nominees and voting shall be by written ballot. For the period of time beginning with this election and ending with the start of the Autumn Quarter there will be two Steering Committees.

The Steering Committee shall select its Chairman from among the 6 faculty members of the Committee, and he shall serve for one year.

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29.2701. Council on Academic Affairs.

Section 1. The Council on Academic Affairs shall consist of fourteen members.

- a. Five members of the University Faculty, at least two of whom must be Senate members, shall be nominated by the Faculty Membership and subject to confirmation by vote of the Senate for three-year terms; one member to be elected the first year and every third year thereafter, and two members to be elected in each of the other years.

29.2701. Council on Academic Affairs. (continued)

- b. Four members of the University Faculty shall be appointed by the President for three-year terms; two members to be appointed the first year and every third year thereafter, and one member to be appointed in each of the other years.
- c. A faculty member who has completed a three-year term on the Council shall not be eligible for appointment or election for one year after such service.
- d. Four members shall be students: one graduate student appointed by the President of the Council of Graduate Students with the approval of the Council of Graduate Students; one professional student appointed by the President of the Inter-Professional Council with the approval of the Inter-Professional Council; and two undergraduate students appointed by the President of the Undergraduate Student Government with the approval of the Undergraduate Student Assembly. At least one of the undergraduate students shall be a member of the University Senate. Each student member shall be appointed for a one-year term and be eligible for reappointment.
- e. When an unexpired term becomes vacant, the vacancy shall be filled in the same manner that the position was previously filled. A member selected to fill such a vacancy shall serve for the duration of the unexpired term.
- f. The Provost or his designee shall be the Chairman of the Council. The Vice Chairman of the Council shall be elected for a one-year term from the Faculty Membership of the Council. The Chairman (or in his absence, the Vice Chairman) shall preside at all meetings of the Council. The Chairman shall vote only in case of a tie vote among members of the Council present and voting; whereas the Vice Chairman shall vote without such restriction, even though presiding.

Section 2. No change

Section 6. No change

Section 3. No change

Section 7. No change

Section 4. No change

Section 8. No change

Section 5. No change

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29.2705. The Library Council.

Section 1. The Library Council shall consist of eight members of the University Faculty, one of whom is a member of the Senate; the Vice President for Educational Services; the Vice Provost for Research and Dean of the Graduate School; the Director of Libraries; one graduate student appointed by the President of the Council of Graduate Students with the approval of the Council of Graduate Students; one professional student appointed by the President of the Inter-Professional Council with the approval of the Inter-Professional Council; and two undergraduate students appointed by the President of the Undergraduate Student Government with the approval of the Undergraduate Student Assembly. The President, on recommendation of the Vice President for Educational Services, shall appoint the eight faculty members for four-year terms, one or more to retire each year and to be ineligible for re-appointment during one year thereafter. Student members shall be appointed for one-year terms and be eligible for reappointment. The Chairman shall be elected from among the faculty members of the Library Council and he shall report to the University Senate.

Section 2. No change

Section 3. No change

Section 4. No change

Section 5. When an unexpired term becomes vacant, the vacancy shall be filled in the same manner that the position was previously filled. A member selected to fill such a vacancy shall serve for the duration of the unexpired term.

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29.2711. Athletic Council.

Section 1. The Athletic Council shall consist of fourteen members, eight of whom shall be members of the University Faculty, two of whom shall be alumni of the University, and four of whom shall be students of the University. These members shall be selected as follows:

- a. One Faculty member shall be elected by the University Senate in the spring of each year at one of its regular meetings and one faculty member shall be appointed by the President each spring. The term of service for each shall be four years commencing July 1 following election or appointment; a member serving a full term may not be re-elected or re-appointed until one year has passed; the terms shall be staggered so that two members retire each year.
- b. The Alumni members shall be designated by The Ohio State University Association for a term of four years, the terms to be staggered so that one member retires every two years, and under such procedures as the Association shall adopt.

29.2711. Athletic Council. (continued)

- c. Two Undergraduate Student members shall be elected by the Undergraduate Student Government, one each year, for a term of two years under such procedures as the Undergraduate Student Government shall adopt. One student member shall be selected by the Council of Graduate Students for a term of one year under such procedures as the Council shall adopt. One student member shall be selected by the Inter-Professional Council for a term of one year under such procedures as the Council shall adopt.
- d. In the event of a vacancy in the membership of the Athletic Council, the vacancy will be filled for the unexpired term by the same method as that originally used to fill that position.

Section 2. No change

Section 3. No change

Section 4. No change

Section 5. No change

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29.2721. Committee on Academic Misconduct.

Section 1. The Committee on Academic Misconduct shall consist of six members of the University Faculty, two representatives from the Council of Graduate Students (see Rule 53.0705), two undergraduate students, and without vote, the Assistant Vice President for Student Programs and Development (or his designee), ex officio. The Committee membership shall also include a Coordinator, appointed by the Provost, and charged with assisting the Committee in administrative matters. The Coordinator shall not participate in the decisions of the Committee. The six members of the University Faculty shall be elected by the Senate for a term of three years, the election to be held annually so that two members will retire each year. No member of the University Faculty shall serve more than two consecutive terms.

The graduate student members shall be appointed by the President of the Council of Graduate Students, with the approval of the Council of Graduate Students for a term of one year. The undergraduate student members shall be appointed by the President of the Undergraduate Student Government with the approval of the Undergraduate Student Assembly for a term of one year.

When an unexpired term becomes vacant, the vacancy shall be filled in the same manner that the position was previously filled. A member selected to fill such a vacancy shall serve for the duration of the unexpired term.

Section 2. No change

Section 3. No change

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I. GENERAL RECOMMENDATIONS (continued)

D. Honorary Degrees (continued)

President Enarson recommended that the conferring of the above-named honorary degrees at the June Commencement be ratified.

Upon motion of Mr. Harrod, seconded by Mr. Kessler, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

E. Degrees and Certificates Conferred--Spring Quarter Commencement

President Enarson recommended that the awarding of degrees and certificates conferred at the Spring Quarter Commencement Convocation on June 7, 1974, to those students who had completed the requirements for their respective degrees and certificates and were recommended by the University Senate be ratified. The names of those awarded degrees and certificates are included in the minutes of this meeting. (See Appendix IV, page 557.)

Upon motion of Mr. Harrod, seconded by Mr. Gushman, the Board of Trustees approved the above recommendation by unanimous voice vote.

F. Establishment of the Charles H. Kimberly Professorship in Chemistry

Pursuant to the initial conditions set forth by the Board of Trustees at the January 14, 1965 meeting for the establishment of "Named Professorships," President Enarson recommended that the Kimberly Professorship in Chemistry be established at The Ohio State University.

A bequest of \$100,000 was made for the establishment of the Kimberly Professorship in Chemistry through the Charles H. Kimberly Trusts in full compliance with all conditions set forth by this Board at the time this bequest was made.

President Enarson recommended further that this bequest be accepted and that this designated professorship be appropriately named for the donor, the Charles H. Kimberly Professorship in Chemistry.

Upon motion of Mr. Kessler, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendations by unanimous voice vote.

G. Establishment of the Charles H. Kimberly Professorship in Pharmacy

Pursuant to the initial conditions set forth by the Board of Trustees at the January 14, 1965 meeting for the establishment of "Named Professorships," President Enarson recommended that the Kimberly Professorship in Pharmacy be established at The Ohio State University.

I. GENERAL RECOMMENDATIONS (continued)

G. Establishment of the Charles H. Kimberly  
Professorship in Pharmacy (continued)

A bequest of \$100,000 is to be received through the Charles H. Kimberly Trusts for the establishment of a Kimberly Endowment for Pharmacy. It is deemed advisable to use this bequest and establish a Designated Professorship when the money is received and that this professorship be appropriately named for the donor, the Charles H. Kimberly Professorship of Pharmacy.

Upon motion of Mrs. James, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

H. Budget for the 1974-1975 Fiscal Year  
and Increase in General Fee

President Enarson presented the following statement:

I am presenting the current funds budget for the second year of the biennium, 1974-1975, for your consideration and approval. The total expenditure level is expected to increase from \$284,500,000 in the current year to \$300,800,000 in 1974-1975, an increase of \$16,300,000 or 5.8 percent. Budgeted expenditures for the Columbus Campus and for the Regional Campuses are:

	<u>1973-1974</u>	<u>1974-1975</u>	<u>Increase</u>
Columbus Campus	\$278,300,000	\$294,000,000	\$15,700,000 (5.7%)
Regional Campuses	<u>6,200,000</u>	<u>6,800,000</u>	<u>600,000</u> (9.3%)
Total	\$284,500,000	\$300,800,000	\$16,300,000 (5.8%)

The recommended expenditure level of \$294,000,000 for the Columbus Campus for this coming year includes the following five major components:

1. Instruction and General Program: (48%) \$143,500,000
  - Departmental Instruction and Research
  - Instructional Services
  - Library Services
  - Student Services
  - General Expense
  - General Administration
  - Plant Operation

June 14, 1974 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

H. Budget for the 1974-1975 Fiscal Year  
and Increase in General Fee (continued)

President Enarson's statement (continued)

2.	Sponsored Research: Federal, State and Private Contracts	(9%)	\$ 25,200,000
3.	Public Service: Cooperative Extension Service, Hospitals, Conferences	(27%)	79,300,000
4.	Student Aid: Federal Funds, Private Gifts, Endowment	(3%)	7,900,000
5.	Auxiliary Services: Housing, Bookstores, Parking, Athletics, Facility Services, Student Unions	(13%)	38,100,000
Total		(100%)	\$294,000,000

The key budget for policy review by the Board of Trustees is the Instruction and General Program Budget. And it is essential to understand the main elements which govern the preparation of this budget.

Income for the Instruction and General Program is largely in direct proportion to students enrolled. Enrollment determines, for the most part, the level of state subsidy and the income from student charges. We are greatly encouraged by the current predictions for Fall, 1974. I am pleased to report that our enrollment applications are up from last year, except in the Graduate School, and now we must be concerned that we do not exceed the enrollment ceiling imposed by the General Assembly. Enrollment estimates are influenced by a number of factors--a variation of 2 percent in our enrollment estimate corresponds to 1,000 students. At this time, our best estimates of the enrollments for the Autumn Quarter are:



June 14, 1974 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

H. Budget for the 1974-1975 Fiscal Year  
and Increase in General Fee (continued)

President Enarson's statement (continued)

	<u>Fall, 1973</u>	<u>Estimated Range Fall, 1974</u>	<u>Estimates for Planning Fall, 1974</u>
Columbus			
Undergraduate	36,545	36,000-37,200	37,000
Graduate School	8,067	7,800- 8,200	8,025
Professional Colleges	<u>2,656</u>	<u>2,700- 2,750</u>	<u>2,725</u>
Total	47,268	46,500-48,200	47,750
Regional Campuses	<u>4,350</u>	<u>4,350- 4,500</u>	<u>4,450</u>
Grand Total	51,491	50,800-52,700	52,200

The two principal sources of Instruction and General income are State of Ohio subsidy and student fees. Expected income from each of these two sources is determined from the enrollment estimates. The third source of Instruction and General revenue is within the category labeled "Other Instruction and General Income." It includes land-grant funds, departmental earnings from such areas as clinics, computer centers, laboratory services, publications, income from endowments and temporary investments, faculty released time, designated gifts, capitation grants, training grants, laboratory stores, general stores, print shop, laundry and food facility. Funds in the "Other Instruction and General" category are not, simply undesignated gift funds. The great bulk of these funds is accepted or earned for specific programs.

The expected Instruction and General income, by source, for the Columbus Campus for this coming year is as follows:

	<u>1973-1974</u>	<u>1974-1975</u>	<u>Increase</u>
State Subsidy	\$ 73,500,000	\$ 80,000,000	\$6,400,000 (8.7%)
Student			
Charges	43,700,000	45,100,000	1,400,000 (3.1%)
Other			
Income	<u>18,500,000</u>	<u>18,500,000</u>	<u>--</u>
Total			
Instruc-			
tion and			
General	\$135,800,000	\$143,500,000	\$7,700,000 (5.7%)

I. GENERAL RECOMMENDATIONS (continued)

H. Budget for the 1974-1975 Fiscal Year  
and Increase in General Fee (continued)

President Enarson's statement (continued)

The apparent increase of \$7,700,000 (5.7%) in the Instruction and General budget for 1974-1975 represents, in fact, a loss of real income. With inflation figured conservatively at from 8 to 9 percent for 1974-1975, this means the Instruction and General budget will suffer a loss in purchasing power of about 3 percent. We have fewer real, i.e., equivalent dollars available to educate the same or probably a slightly larger number of students. For the current biennium, our Instruction and General budget will increase only 4 percent, while its equivalent purchasing power will decrease approximately 10 percent.

Even to hold our losses to these levels has forced us to recommend an increase of \$10 per quarter in the General Fee. In making this recommendation, it is important to understand that the University operates under severe restraints on the Instruction and General Fees. A ceiling on the Instruction Fee was fixed with the enactment of the appropriations act for this biennium. We are at the ceiling for undergraduate students, \$210 per quarter. The General Fee, which has been held constant for four years, is at \$40 per quarter. The only leeway we have on the income side is to bring the General Fee to its ceiling level which will be comparable to that for most all other public universities in Ohio. In short, the prices we charge are frozen, yet the prices of goods and services are constantly rising. Thus, the faculty and staff generally face erosion of real income.

We are caught in the crunch between what amounts to controlled prices on what we charge and rapidly escalating prices for that which we must buy. This has forced us into extremely cruel choices in the use of available resources for 1974-1975.

Our objectives for the 1974-1975 budget are:

- a. An average adjustment of 6 percent in salaries for regular, continuing faculty; an average adjustment of 5 percent for other regular, continuing personnel, except classified personnel who receive increases according to S.B. 31. The slight differential between faculty and staff reflects our judgment that the catch-up situation for faculty salaries is more critical, even though major improvements in salaries are urgently needed for both faculty and staff.

June 14, 1974 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

H. Budget for the 1974-1975 Fiscal Year  
and Increase in General Fee (continued)

President Enarson's statement (continued)

- b. A 0.5 percent adjustment in fringe benefits.
- c. A 0.5 percent for salary equity adjustments, e.g., minorities, women and intra-group inequities.
- d. Adjustments for unavoidable increases in operating costs, e.g., utilities, the opening of new buildings and minimum wage laws.
- e. One percent of the Instruction and General budget for minimally essential program flexibility (high-priority needs, matching fund opportunities, etc.)
- f. No increase in funds for travel, telephone, equipment and supplies.

Total required increase in Instruction and  
General budget: 7.7%

These objectives require an increase of 7.7 percent in the Instruction and General budget. However, even with the increase in the recommended student fees of \$10 per quarter, the increase in Instruction and General income next year is only 5.7 percent--leaving a gap of 2 percent. To close this gap, existing budgets were reduced 2 percent "across the board." This cut will mean less employment, fewer dollars for equipment and supplies and reduced services.

Prices of books, equipment and supplies are increasing dramatically. Some of these increases which we experienced during this current year are:

Instructional and Research Equipment	20-25%
Instructional Supplies	12%
Books, Films, Tapes	15%
Serials	25%
Laboratory Chemicals	14%
Office Furniture	10%
Gasoline	74%
Heating Oil	90%
Natural Gas	25%

June 14, 1974 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

H. Budget for the 1974-1975 Fiscal Year  
and Increase in General Fee (continued)

President Enarson's statement (continued)

Purchased Power	10%
Water and Sewage	7%
Food Purchases	12%
Computer Paper	62%
Fertilizers	37%
Photographic Supplies	14%

Stringent measures of economy are already under way within the University. Next year will be the third straight year for which departments of instruction have not had an increase in their budget allocations for equipment, travel, telephone and supplies. Departmental budgets have been required to absorb the increasing cost of phone services, postage, equipment, etc.

Our Energy Conservation Program is producing major savings in utility use. The consumption of fuels and electrical energy is being reduced by operating buildings at lower temperatures in the winter and at higher temperatures in the summer, the closure of certain buildings during low-use periods, the elimination of several large air conditioning projects, the lowering of light levels, the lowering of the domestic water temperature, the elimination of excess use of ventilation and the redesign of building systems to recover a portion of the thermal energy normally wasted to the outside environment or to cooling water. Specifically, our Energy Conservation Program is expected to produce a savings of over \$400,000 in utility costs for 1973-1974 (which is over 7 percent of the total utility cost of \$5,500,000) and a savings of about \$300,000 in 1974-1975.

A few examples of other economy measures which are being implemented include:

Elimination of 55 FTE positions in service areas.

A sizeable reduction in the number of University vehicles.

Reductions in the amount of overtime employment by adjustments in work schedule.

Selective reductions in services during the weekends.

Replacement of some police cruisers with motor-cycles, reduced motor patrol assignments and increased foot patrol assignments.

June 14, 1974 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

H. Budget for the 1974-1975 Fiscal Year  
and Increase in General Fee (continued)

President Enarson's statement (continued)

Reduction in the amount of printed material, including a 25 percent reduction in the number of copies of college bulletins.

The development of a new computerized food management system to control the purchase, processing and preparation of food.

Economy measures across the whole range of activities are estimated to save over \$1,000,000 next year, with approximately one-half of these economies being direct savings to the Instruction and General budget.

Finally, I want to comment briefly on the other major budgets for 1974-1975. Sponsored research is expected to increase from \$22,900,000 in 1973-1974 to about \$25,200,000 next year, an increase of 3 percent. The proportion of grants and contracts being sponsored by non-federal agencies, including industrial and other commercial agencies, continues to increase. Budgeted expenditures for Public Service programs are up \$4,200,000 or 9 percent, primarily because of higher Hospital revenues. Budgets for Cooperative Extension are up \$1,400,000 or 11.6 percent; additional Smith-Lever funds allow significant improvements in salaries for faculty and staff in this area. Grants and contracts for other Public Service programs are expected to decline by about \$2,800,000. Federal support for vocational and technical education programs has decreased from a recent peak level. Auxiliary enterprise costs will increase by \$2,700,000 or 4.6 percent, reflecting the higher costs for food, fuel and services.

Regional Campus budgets have been developed using the same set of budget objectives as was applied to the Columbus Campus. Instruction and General expenditures for the Regional Campuses are expected to increase from \$6,200,000 in 1973-1974 to about \$6,800,000 or 9.3 percent, for this coming year. Some increases in enrollments was projected for these campuses, especially at the Agricultural Technical Institute. But the principal source of new funds will be from higher unit subsidies in Amended Substitute House Bill 86.

Now I wish to recommend that the budget for the fiscal year 1974-75 and that an increase in the student General Fee of \$10 per quarter, from \$40 to \$50, effective Autumn, 1974, be approved; and that the Secretary be instructed to incorporate all supporting

Sources of Income to Support the 1974-75 Budget

	Estimated <u>1973-74</u>	Budgeted <u>1974-75</u>
Columbus Campus		
Government Appropriations		
State of Ohio	\$ 89,730,000	\$ 97,933,000
Federal	<u>37,950,000</u>	<u>38,498,000</u>
Subtotal	\$127,680,000	\$136,431,000
Student Fees		
Instruction and General	\$ 43,735,000	\$ 45,080,000
Room and Board	<u>11,970,000</u>	<u>11,772,000</u>
Subtotal	\$ 55,705,000	\$ 56,852,000
Recovered Costs	\$ 5,430,000	\$ 5,541,000
Other Income		
Auxiliary Sales and Charges	\$ 65,810,000	\$ 66,459,000
Departmental and University Services	12,860,000	14,450,000
Endowment Income	2,660,000	2,600,000
Gifts and Grants	6,690,000	9,492,000
Temporary Investments	1,900,000	1,900,000
Other	<u>330,000</u>	<u>282,000</u>
Subtotal	\$ 90,250,000	\$ 95,183,000
Total Columbus Campus	<u>\$279,065,000</u>	<u>\$294,007,000</u>
Regional Campuses		
Lima Campus	\$ 1,656,000	\$ 1,758,000
Mansfield Campus	1,582,000	1,635,000
Marion Campus	946,000	1,026,000
Newark Campus	1,381,000	1,454,000
Agricultural Technical Institute	<u>761,000</u>	<u>943,000</u>
Total Regional Campuses	<u>\$ 6,326,000</u>	<u>\$ 6,816,000</u>
Grand Total	<u>\$285,391,000</u>	<u>\$300,823,000</u>

# Budgeted Expenditures for the 1974-75 Year

	Estimated <u>1973-74</u>	Budgeted <u>1974-75</u>
Columbus Campus		
Instruction and General		
Departmental Instruction and Research	\$ 98,373,000	\$103,564,000
Instructional Services	1,993,000	2,154,000
Libraries	5,046,000	5,602,000
Student Services	3,763,000	4,191,000
Plant Operation	17,313,000	19,558,000
Institutional Expense	<u>9,285,000</u>	<u>8,435,000</u>
Total Instruction and General	<u>\$135,773,000</u>	<u>\$143,504,000</u>
Sponsored Research		
Research Foundation	\$ 17,320,000	\$ 18,540,000
Engineering Experiment Station	1,735,000	1,860,000
Research Administration	1,530,000	1,660,000
University Sponsored Research	1,447,000	1,773,000
Other Grants and Contracts	<u>859,000</u>	<u>1,379,000</u>
Total Sponsored Research	<u>\$ 22,891,000</u>	<u>\$ 25,212,000</u>
Public Services		
University Hospitals	\$ 46,721,000	\$ 50,907,000
Cooperative Extension Service	12,317,000	13,750,000
Other Grants and Contracts	13,874,000	11,058,000
University Sponsored Programs	2,847,000	2,398,000
Conferences	<u>1,200,000</u>	<u>1,200,000</u>
Total Public Services	<u>\$ 76,959,000</u>	<u>\$ 79,313,000</u>
Student Aid		
Scholarships and Loans	\$ 5,375,000	\$ 7,007,000
Fee Remissions	<u>900,000</u>	<u>900,000</u>
Total Student Aid	<u>\$ 6,275,000</u>	<u>\$ 7,907,000</u>
Auxiliaries		
Student Housing	\$ 15,306,000	\$ 15,520,000
Intercollegiate Athletics	6,560,000	6,625,000
University Bookstores	3,150,000	3,534,000
Facilities Services	2,101,000	2,630,000
Meats Laboratory	1,887,000	1,758,000
Parking Facilities	1,676,000	1,725,000
Student Health Services	1,354,000	1,492,000
Student Unions	1,828,000	1,827,000
University Airport	1,025,000	1,251,000
Fawcett Center for Tomorrow	1,023,000	1,109,000
Other	<u>510,000</u>	<u>629,000</u>
Total Auxiliaries	<u>\$ 36,420,000</u>	<u>\$ 38,100,000</u>
Total Columbus Campus	<u>\$278,318,000</u>	<u>\$294,036,000</u>

Budgeted Expenditures for the 1974-75 Year (continued)

	Estimated <u>1973-74</u>	Budgeted <u>1974-75</u>
Regional Campuses		
Administration	\$ 116,000	\$ 125,000
Lima Campus	1,549,000	1,690,000
Mansfield Campus	1,535,000	1,634,000
Marion Campus	963,000	1,037,000
Newark Campus	1,323,000	1,407,000
Agricultural Technical Institute	<u>748,000</u>	<u>923,000</u>
Total Regional Campuses	<u>\$ 6,234,000</u>	<u>\$ 6,816,000</u>
Grand Total	<u><u>\$284,552,000</u></u>	<u><u>\$300,852,000</u></u>



Schedule of Student Fees, Effective Autumn Quarter, 1974

	<u>Credit Hours Enrolled</u>	<u>Instruc- tional</u>	<u>General</u>	<u>Resident Total</u>	<u>Out-of-State Tuition</u>	<u>Non- Resident Total</u>
Administrative Science	<div> <div>0-3</div> <div>4</div> <div>5</div> <div>6</div> <div>7 or more</div> </div>					
Agriculture and Home Economics						
Allied Medical Professions						
Architecture						
Biological Sciences						
Continuing Education						
Dental Hygiene						
Education						
Engineering						
Health, Physical		\$ 54	\$12	\$ 66	\$ 90	\$156
Education and Recreation		72	16	88	120	208
Humanities		90	20	110	150	260
Journalism		105	25	130	175	305
Mathematics and Physical Sciences		210	50	260	350	610
Music						
Natural Resources						
Nursing						
Pharmacy						
Social and Behavioral Sciences						
Social Work						
The Arts						
University College						
Dentistry	<div> <div>0-3</div> <div>4</div> <div>5</div> <div>6</div> <div>7 or more</div> </div>	\$ 69	\$12	\$ 81	\$ 90	\$171
Graduate School		92	16	108	120	228
Law		115	20	135	150	285
Medicine		135	25	160	175	335
Optometry		270	50	320	350	670
Veterinary Medicine						
University Regional Campuses	<div> <div>0-3</div> <div>4</div> <div>5</div> <div>6</div> <div>7 or more</div> </div>	\$ 51	\$ 9	\$ 60	\$ 90	\$150
		68	12	80	120	200
		85	15	100	150	250
		100	18	118	175	293
		200	35	235	350	585

Full-time students (those enrolled in any quarter, term, or period for seven or more hours) will be assessed full fees. Fees for student enrolled for six or fewer hours in any quarter, term, or period shall be assessed on a per credit hour of enrollment basis, with the minimum fee for three or fewer hours being the fee computed for three hours.

Schedule of Student Fees, Effective Autumn Quarter, 1974

College or School	Instructional	General	Resident Total	Out-of-State Tuition	Non- Resident Total
Administrative Science	\$210	\$50	\$260	\$350	\$610
Agriculture and Home Economics	210	50	260	350	610
Arts and Sciences					
The Arts	210	50	260	350	610
Biological Sciences	210	50	260	350	610
Humanities	210	50	260	350	610
Mathematics and Physical Sciences	210	50	260	350	610
Social and Behavioral Sciences	210	50	260	350	610
Education	210	50	260	350	610
Engineering	210	50	260	350	610
Graduate School	270	50	320	350	670
Dentistry	270	50	320	350	670
Dental Hygiene	210	50	260	350	610
Law	270	50	320	350	670
Medicine	270	50	320	350	670
School of Allied Medical Professions	210	50	260	350	610
School of Nursing	210	50	260	350	610
Optometry	270	50	320	350	670
Pharmacy	210	50	260	350	610
Veterinary Medicine	270	50	320	350	670
University College	210	50	260	350	610
University Regional Campuses	200	35	235	350	585

June 14, 1974 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

H. Budget for the 1974-1975 Fiscal Year  
and Increase in General Fee (continued)

President Enarson's statement (continued)

documents by reference, including the salary rolls and the inventory of fees and charges for the fiscal year 1974-1975, and to file these materials with the official records of the University.

Upon motion of Mr. Hilliker, seconded by Dr. Sirak, the Board of Trustees approved the foregoing recommendations by unanimous roll call vote.

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II. PERSONNEL ACTIONS

Personnel actions since the May 3, 1974 meeting of the Board as recorded in the official "Salary Roll" of the University, include the following: Appointments, Retirement; Resignations; Leaves of Absence Without Salary; Emeritus Titles; and Appointment of Chairmen of Departments, Academic Faculties and Divisions, and Directors of Schools.

A. Appointments

L. Orin Slagle, Acting Dean, College of Law, effective July 1, 1974, at a salary of \$37,128.00 per annum.

Elsie J. Alberty, Professor and Chairman, Academic Faculty of Curriculum and Foundations, effective July 1, 1974, at a salary of \$26,436.00 per annum.

Felix P. Kollaritsch, Professor and Chairman, Academic Faculty of Accounting, effective October 1, 1974, at a salary of \$22,488.00 per annum.

Glen H. Schmidt, Professor and Chairman (part time - 65 percent), Department of Dairy Science, and Professor (part time - 15 percent), Cooperative Extension Service, effective August 15, 1974, at a combined salary of \$24,168.00 per annum. Dr. Schmidt will hold an appointment as Professor (part time - 20 percent) at the Ohio Agricultural Research and Development Center.

Clayton K. Lowe, Associate Professor and Chairman, Department of Photography and Cinema, effective July 1, 1974, at a salary of \$25,452.00 per annum.

June 14, 1974 meeting, Board of Trustees

II. PERSONNEL ACTIONS (continued)

A. Appointments (continued)

William M. Protheroe, Professor and Acting Chairman, Department of Astronomy, effective October 1, 1974, at a salary of \$21,768.00 per annum with an additional \$963.00 for the period October 1, 1974 through June 30, 1975, for serving as Acting Chairman.

Luvern L. Cunningham, Professor (Novice G. Fawcett Chair of Educational Administration), Academic Faculty of Educational Administration, effective October 1, 1974, at a salary of \$30,408.00 per annum.

Jack G. Calvert, Professor (Kimberly Professor of Chemistry), Department of Chemistry, effective October 1, 1974, at a salary of \$38,328.00 per annum.

Morgan E. Shipman, Professor (John W. Bricker Professorship), College of Law, effective October 1, 1974, at a salary of \$35,568.00 per annum.

Samuel C. Ashcroft, Program Director, National Center on Educational Media and Materials for the Handicapped, effective August 15, 1974, at a salary of \$31,968.00 per annum. He will hold an academic appointment as Professor in the Academic Faculty of Exceptional Children at No Salary.

Within the Office of Business and Administration the following major administrative reassignments were recommended, effective July 1, 1974:

Madison H. Scott from Executive Director of Personnel Services to Associate Vice President for Personnel Services.

Thomas B. Smith from Assistant Vice President of Physical Facilities to Associate Vice President for Physical Facilities.

Weldon E. Ihrig from Executive Director of Administrative Systems to Assistant Vice President for Administration.

Charles R. Gambs, Jr., from Executive Assistant to the Vice President for Business and Administration to the newly created position of University Contracts Officer.

June 14, 1974 meeting, Board of Trustees

II. PERSONNEL ACTIONS (continued)

A. Appointments (continued)

Within the College of Medicine, the following administrative assignments were recommended, effective July 1, 1974:

Henry G. Cramblett currently Dean of the College of Medicine, to serve also as Acting Vice President for Medical Affairs, at a salary of \$45,168.00 per annum.

David L. Steffy currently Hospital Administrator, to serve also as Acting Director of Administrative Services, The Ohio State University Hospitals, at a salary of \$23,808.00 per annum.

President Enarson said, "These two changes in administrative duties are interim appointments. At an early date, I will be bringing to the Board of Trustees a recommendation for the administrative reorganization of the health sciences in the University."

B. Retirement

Richard L. Meiling will retire from the position of Vice President for Medical Affairs, effective June 30, 1974. Dr. Meiling's retirement from the position as Vice President is pursuant to the policy of this Board. Dr. Meiling will also retire as Professor in the Department of Obstetrics and Gynecology, effective the same date.

C. Resignations

Robert G. Smith has resigned as Vice President for University Development, effective August 31, 1974, to pursue further professional development.

Arliss L. Roaden has resigned as Vice Provost for Research and Dean of the Graduate School, effective August 31, 1974. Dr. Roaden recently has been appointed President of Tennessee Technological University, Cookeville, Tennessee.

June 14, 1974 meeting, Board of Trustees

II. PERSONNEL ACTIONS (continued)

C. Resignations (continued)

G. Edwin Howe has resigned as Director of Administrative Services, The Ohio State University Hospitals, effective June 30, 1974, to accept a position as President of St. Luke's Hospital, Milwaukee, Wisconsin.

D. Leaves of Absence Without Salary

Charles L. Babcock, Professor, Department of Classics, effective October 1, 1974 through December 31, 1974, to serve as Professor-in-Charge of the Intercollegiate Center in Rome.

Samuel C. Chu, Professor, Department of History, effective January 1, 1975 through September 30, 1975, to accept a research grant from the American Council of Learned Societies.

Bradley M. Richardson, Professor, Department of Political Science, effective October 1, 1974 through December 31, 1974, to accept a Japan Foundation Research Fellowship, and April 1, 1975 through September 30, 1975, to accept a Social Science Research Foundation grant.

Arne E. Slettebak, Professor and Chairman, Department of Astronomy, effective January 1, 1975 through September 30, 1975, to accept a Guest Professorship at the University of Vienna Observatory, Vienna, Austria.

E. Emeritus Titles

Richard L. Meiling, Office of Medical Affairs, with the title Vice President Emeritus, effective July 1, 1974, and Department of Obstetrics and Gynecology, with the title Professor Emeritus, effective July 1, 1974.

Paul M. Pepper, Department of Industrial and Systems Engineering, with the title Professor Emeritus, effective July 1, 1974.

Robert M. Zollinger, Department of Surgery, with the title Professor Emeritus, effective July 1, 1974.

June 14, 1974 meeting, Board of Trustees

II. PERSONNEL ACTIONS (continued)

F. Chairmen of Departments, Academic Faculties,  
and Divisions, and Directors of Schools

Reappointment of the following persons to terms as Chairmen of Departments, Academic Faculties, and Divisions, and Directors of Schools, effective as indicated:

July 1, 1974 through June 30, 1978

Allied Medical Professions, School of	Robert J. Atwell
Architecture, School of	L. C. Gerckens
Aviation	Jack J. Eggspuehler
Curriculum and Foundations	Elsie Alberty <sup>(1)</sup>
Horticulture	Howard A. Rollins, Jr.
Industrial and Systems Engineering	Albert B. Bishop <sup>(1)</sup>
Journalism, School of	William H. Hall
Pharmacology	Joseph R. Bianchine <sup>(1)</sup>
Physiology	Heinz P. Pieper <sup>(1)</sup>
Preventive Medicine	Harold V. Ellingson
Psychology	Samuel H. Osipow <sup>(1)</sup>
Slavic Languages and Literatures	David F. Robinson <sup>(1)</sup>
Social Work, School of	Richard Medhurst
Statistics	D. Ransom Whitney
Veterinary Anatomy	Walter G. Venzke <sup>(2)</sup>

July 1, 1974 through June 30, 1975

Administrative and Social Sciences (Pharmacy)	T. Donald Rucker
Clinical Pharmacy and Professional Practice (Pharmacy)	Clifton J. Latiolais
History of Art	Franklin M. Ludden
Management Science	Robert Miljus
Medicinal Chemistry (Pharmacy)	Donald T. Witiak
Pharmaceutics and Pharmaceutical Chemistry (Pharmacy)	Louis Malspeis
Pharmacognosy and Natural Products (Pharmacy)	Jack L. Beal
Pharmacology (Pharmacy)	Harold H. Wolf
Veterinary Preventive Medicine	John A. Helwig <sup>(3)</sup>

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<sup>(1)</sup> New appointment.

<sup>(2)</sup> Through June 30, 1977, consistent with mandatory retirement date.

<sup>(3)</sup> Through June 30, 1975, consistent with mandatory retirement date.

June 14, 1974 meeting, Board of Trustees

II. PERSONNEL ACTIONS (continued)

F. Chairmen of Departments, Academic Faculties  
and Divisions, and Directors of Schools (continued)

October 1, 1974 through September 30, 1978

Art Education	Kenneth Marantz
Astronomy	Arne E. Slettebak
Public Administration	Clinton V. Oster

October 1, 1974 through September 30, 1977

Accounting	Felix P. Kollaritsch <sup>(1)</sup>
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Acting Chairmen of Departments and Acting Chairman of an Academic Faculty, effective as indicated:

July 1, 1974 through June 30, 1975

Vocational and Technical Education	Aaron Miller <sup>(1)</sup>
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July 1, 1974 until a permanent Chairman is named

Medical Microbiology	Frank Kapral
Obstetrics and Gynecology	Garth F. Essig
(New Chairman assumes duties December 1, 1974)	
Pathology	Colin Macpherson

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<sup>(1)</sup>New appointment.

President Enarson recommended that the Appointments; Retirement; Resignations; Leaves of Absence Without Salary; Emeritus Titles; Appointments of Chairmen of Departments, Academic Faculties, and Divisions, and Directors of Schools; and the personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Harrod, seconded by Dr. Sirak, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

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June 14, 1974 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

President Enarson recommended that the following contracts and grants negotiated and monies received for the month of April 1974 be accepted.

Summary for April 1974

	No. of Projects	Support Level
Office of Business and Administration	42	\$1, 773, 146. 00
The Ohio State University Research Foundation	35	1, 005, 658. 00
The Engineering Experiment Station	5	<u>126, 958. 00</u>
Total		\$2, 905, 762. 00
(Donors)		
The Ohio State University Development Fund	703	\$ 296, 948. 01

A detailed listing of the items in each section is shown on the following pages.

Upon motion of Mr. Gushman, seconded by Dr. Sirak, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the report from the Office of Business and Administration and The Ohio State University Development Fund, including the establishment of named funds, was approved by unanimous voice vote.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

A. The Office of Business and Administration

1. Federal Contracts/Grants

- a. \$183,000.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., for Continued Development of Individualized and Field-Based Preparation Programs for Personnel Serving the Handicapped, under the direction of Academic Faculty for Exceptional Children, for period June 1, 1974 through May 31, 1975. (Grant No. OEG-0-74-2749)
- b. \$170,639.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, for Family Centered Practicum - Developmental Disabilities - Training Grant, under the direction of Nisonger Center, for period July 1, 1974 through June 30, 1976. (Grant No. 5 D12 AH00135-04)
- c. \$157,143.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, for Medical Communications Division - Training Grant, under the direction of School of Allied Medical Professions, for period July 1, 1974 through June 30, 1976. (Grant No. 5 D12 AH00340-04)
- d. \$145,746.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, for Cardiovascular Training Program - Training Grant, under the direction of Department of Medicine, for period April 1, 1974 through June 30, 1975. (Grant No. 3 T01 HL05968-02S1)
- e. \$105,645.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., for Identification and Assessment of Existing Models of Cooperative Industry and State Administered Adult Education Programs, under the direction of Center for Vocational and Technical Education, for period July 1, 1974 through June 30, 1975. (Grant No. OEG-0-74-1812)
- f. \$94,593.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, for Otolaryngology and Audiology - Training Grant, under the direction of Department of Otolaryngology, for period July 1, 1974 through June 30, 1975. (Grant No. 5 T01 NS05397-12)
- g. \$89,477.00 additional grant from Department of Health, Education, and Welfare, Office of Education, Washington, D. C., for Development Delayed Infant Education Outreach Project, under the direction of Nisonger Center for Mental Retardation, for period July 1, 1974 through June 30, 1975. (Grant No. OEG-0-73-5583, Revision No. 1)

June 14, 1974 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

A. The Office of Business and Administration (continued)

1. Federal Contracts/Grants (continued)

- h. \$87,511.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, for Research and Faculty Training in Dental Anesthesiology - Training Grant, under the direction of College of Dentistry, for period July 1, 1974 through June 30, 1975. (Grant No. 5 T01 DE00291-03)
- i. \$65,000.00 additional grant from Department of Health, Education, and Welfare, Office of Education, Washington, D. C., for Higher Education Act, Title IX-B, College Teacher Fellowships, under the direction of Graduate School, for period September 1, 1974 through August 31, 1975. (Grant No. OEG-0-73-2637, Revision No. 2)
- j. \$61,612.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, for Parasitology and Medical Entomology - Training Grant, under the direction of Department of Entomology, for period July 1, 1974 through June 30, 1975. (Grant No. 5 T01 AI00216-14)
- k. \$50,016.00 granted by Department of Health, Education, and Welfare, Public Health Service, Chicago, Illinois, for Graduate Preparation for Leadership in Child Health Services, under the direction of School of Nursing, for period June 1, 1974 through May 31, 1975. (Project No. 05 D 000292-050; Former No. 5D10NU00429-04)
- l. \$45,467.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, for Postdoctoral Training in Neurological Surgery - Training Grant, under the direction of Department of Surgery, for period July 1, 1974 through June 30, 1975. (Grant No. 5 T01 NS05529-09)
- m. \$45,000.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., for A Competency Based Model for the Preparation of Teachers of Very Young Handicapped Children, under the direction of School of Home Economics, for period June 1, 1974 through May 31, 1975. (Grant No. OEG-0-74-2728)
- n. \$43,848.00 granted by Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Resources Development, Bethesda, Maryland, for Nursing Student Scholarships (Baccalaureate), under the direction of School of Nursing, for period July 1, 1973 through June 30, 1975. (I. D. No. 05L390029-74 BHL 83; Former No. B 7 45 0430 15 1)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

A. The Office of Business and Administration (continued)

1. Federal Contracts/Grants (continued)

- o. \$39,422.00 additional grant from Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, for Bio-medical Support Grant, under the direction of Graduate School, for period June 1, 1973 through May 31, 1974. (Grant No. 3 S05 RR07074-08S1)
- p. \$26,000.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., for Special Education Component in University-Affiliated Facility, under the direction of Nisonger Center for Mental Retardation, for period June 1, 1974 through May 31, 1975. (Grant No. OEG-0-74-2731)
- q. \$25,603.00 additional grant from Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, for Undergraduate Psychiatry - Training Grant, under the direction of Department of Psychiatry, for period May 1, 1974 through June 30, 1974. (Grant No. 3 T02 MH05924-22S1)
- r. \$23,748.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, for Pathology of Myocardial Hypertrophy and Failure, Development Award - Research Career Program, under the direction of Department of Pathology, for period July 1, 1974 through June 30, 1975. (Grant No. 5 K04 HL70248-03)
- s. \$23,035.00 additional grant from Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, for Psychiatric Social Work MSW - Training Grant, under the direction of School of Social Work, for period May 1, 1974 through June 30, 1974. (Grant No. 3 T01 MH06530-16S2)
- t. \$20,000.00 additional grant from Department of Health, Education, and Welfare, Office of Education, Washington, D. C., for College Work-Study Program, for period July 1, 1973 through June 30, 1974. (NIH Grantee No. 766505)
- u. \$13,871.00 additional grant from Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, for Social Work - Community Organization - Training Grant, under the direction of School of Social Work, for period May 1, 1974 through June 30, 1974. (Grant No. 3 T01 MH10789-07S1)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

A. The Office of Business and Administration (continued)

1. Federal Contracts/Grants (continued)

- v. \$12,598.00 additional grant from Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, for Oncology Training Program - Training Grant, under the direction of Department of Medicine, for period July 1, 1973 through June 30, 1974. (Grant No. 3 T01 CA05192-06S1)
- w. \$9,438.00 additional grant from Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, for Undergraduate Psychiatric Nursing - Training Grant, under the direction of School of Nursing, for period May 1, 1974 through June 30, 1974. (Grant No. 3 T02 MH06375-17S1)
- x. \$8,378.00 additional grant from Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, for Psychiatry (Child) - Training Grant, under the direction of Department of Psychiatry, for period May 1, 1974 through June 30, 1974. (Grant No. 3 T01 MH11296-06S1)
- y. \$7,848.00 granted by Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Resources Development, Bethesda, Maryland, for Nursing Student Loans and Scholarships, under the direction of School of Nursing, for period July 1, 1973 through June 30, 1975 (Scholarships) and July 1, 1973 through June 30, 1974 (Loans). (I. D. No. 05L390068-74 BHL84; Former No. G 7 45 0430 15 1)
- z. \$7,193.00 additional grant from Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, for Cardiovascular Physiology - Training Grant, under the direction of Department of Physiology, for period April 1, 1974 through June 30, 1975. (Grant No. 3 T01 HL05843-05S1)
- aa. \$6,709.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., for Manpower Information Research Training Project, under the direction of Academic Faculty of Vocational-Technical Education, for period July 1, 1974 through December 31, 1974. (Grant No. OEG-0-74-1677)
- bb. \$5,000.00 additional grant from Department of Health, Education, and Welfare, Office of Education, Washington, D. C., for Supplemental Educational Opportunity Grants Program, for period July 1, 1973 through June 30, 1974. (NIH Grantee No. 766505)

TOTAL - Federal Contracts/Grants \$1,573,540.00

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

A. The Office of Business and Administration (continued)

2. State of Ohio Contracts/Grants

- a. \$47,000.00 granted by Ohio Board of Regents, Columbus, Ohio, for Columbus Public Awareness Program, under the direction of College of Administrative Science, Division of Continuing Education. (Project No. 74-944-009)
- b. \$22,289.00 granted by State of Ohio, Department of Education, Division of Vocational Education, Agricultural Education Service, Columbus, Ohio, for Technical Workshops in Vocational Education in Agriculture, under the direction of Department of Agricultural Education.
- c. \$20,000.00 granted by Ohio Board of Regents, Columbus, Ohio, for Training Professionals to Work with the Educationally Disadvantaged Adults of Newark, Ohio, under the direction of The Ohio State University Newark Campus. (Project No. 74-944-010)
- d. \$16,200.00 granted by State of Ohio, Department of Natural Resources, Division of Wildlife, Columbus, Ohio, for Study of the Kinetics of an Atomic Power Reactor Effluent into a Freshwater Marsh, under the direction of Department of Zoology, for period July 1, 1974 through June 30, 1975. (Project No. W-104-R-17)
- e. \$14,000.00 granted by State of Ohio, Department of Natural Resources, Columbus, Ohio, for Effects of Channelization on Terrestrial Vegetation and Vertebrates of the South Fork of Gordon Creek, under the direction of Department of Zoology, for period April 1, 1974 through March 31, 1976.
- f. \$10,000.00 additional grant from State of Ohio, Department of Education, Columbus, Ohio, for Governance of Education: State Structures, Processes, and Relationships, under the direction of Academic Faculty of Educational Administration, for period October 1, 1973 through August 31, 1974.
- g. \$9,250.00 granted by State of Ohio, Department of Natural Resources, Division of Wildlife, Columbus, Ohio, for study of Toxic Metals in Ohio Wildlife, under the direction of Department of Zoology, for period July 1, 1974 through June 30, 1975. (Project No. W-103-R-18)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

A. The Office of Business and Administration (continued)

2. State of Ohio Contracts/Grants (continued)

- h. \$7,200.00 granted by State of Ohio, Department of Natural Resources, Division of Wildlife, Columbus, Ohio, for An Analysis of Public Use of State Wildlife Areas in Ohio, under the direction of Department of Zoology, for period July 1, 1974 through June 30, 1975. (Project No. W-126-R-1)
- i. \$5,700.00 granted by State of Ohio, Department of Natural Resources, Division of Wildlife, Columbus, Ohio, for Survey of Public Attitudes Concerning Hunting, under the direction of Department of Zoology, for period July 1, 1974 through June 30, 1975. (Project No. W-125-R-2)
- j. \$4,500.00 granted by State of Ohio, Department of Economic and Community Development, Administration of Justice Division, Columbus, Ohio, for Radio Equipment - Mansfield Campus, under the direction of The Ohio State University Mansfield Campus. (Grant No. 3166-02-A7-73)

TOTAL - State of Ohio Contracts/Grants \$156,139.00

3. Industrial and Other Contracts/Grants

- a. \$29,500.00 granted by Council on Legal Education for Professional Responsibility, Inc., New York, New York, for Joint Clinical Program Involving the College of Law and Laborers' International Union, Local 423, under the direction of College of Law, for period July 1, 1974 through June 30, 1976. (Grant No. 74-18)
- b. \$5,800.00 granted by Marshall County Schools, Moundsville, West Virginia, for Student Scheduling at John Marshall High School, under the direction of Academic Faculty of Educational Administration.
- c. \$5,167.00 additional grant from State of Wisconsin, Board of Vocational, Technical and Adult Education, Madison, Wisconsin, for Assessment of the Impact of the Wisconsin Research Coordinating Unit, under the direction of Center for Vocational and Technical Education, for period January 1, 1974 through June 30, 1974. (Project No. 19-013-151-224)
- d. \$3,000.00 granted by The Rockefeller Foundation, New York, New York, for study of Social Science as a Transnational System, under the direction of Graduate School, for period March 1, 1974 through September 30, 1974. (GA SS 7419)

TOTAL - Industrial and Other Contracts/Grants \$43,467.00

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation

1. Federal Research Contracts/Grants

- a. \$133,899.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, for Physiology of Renin, Aldosterone, and Prostaglandin, under the direction of Department of Medicine, for period April 1, 1974 through March 31, 1976. (Project 3209-A4 - Ext. #3)
- b. \$121,630.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Library of Medicine, Bethesda, Maryland, for Participation in the Biomedical Data Network (BDN), under the direction of College of Medicine, for period June 28, 1972 through May 31, 1975. (Project 3497-A1 - Mod. #4)
- c. \$94,000.00 from Department of the Navy, Office of Naval Research, Arlington, Virginia, for Research on Computer Data Base Systems, under the direction of Department of Computer and Information Science, for period March 1, 1973 through February 28, 1975. (Project 3636-A1 - Mod. #02)
- d. \$65,000.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, for Developing a Semiconductor Gamma Camera System for Nuclear Medicine, under the direction of Department of Mechanical Engineering, for period June 30, 1972 through August 31, 1974. (Project 3495-A1 - Mod. #4)
- e. \$60,000.00 from Department of Commerce, National Oceanic and Atmospheric Administration, Rockville, Maryland, for Spectroscopic Measurements of Ozone, Water Vapor and Other Atmospheric Gases, under the direction of Department of Physics, for period April 1, 1974 through March 31, 1975. (Project 3910-A1 - New)
- f. \$54,595.00 additional funds from National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, for ATS-F Millimeter Wavelength Propagation Experiment, under the direction of Department of Electrical Engineering. (Project 3863-A1 - Mod. #1)
- g. \$50,658.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, for Structural Investigation on Glycosaminoglycans, under the direction of Department of Chemistry, for period September 1, 1973 through August 31, 1975. (Project 2516-F - Revised Award)



III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts/Grants (continued)

- h. \$44,800.00 from National Science Foundation, Washington, D. C., for Metal Complexes of Linear and Microcyclic Tetradentate Ligands, under the direction of Department of Chemistry, for period July 1, 1974 through June 30, 1975. (Project 3891-A1 - New)
- i. \$43,105.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, for A Model of Parainfectious Demyelinating Encephalitis, under the direction of Department of Veterinary Pathobiology, for period May 1, 1974 through April 30, 1975. (Project 2797-E - Ext. #5)
- j. \$40,000.00 from National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, for Remote Sensing of Lake Ice Thickness, under the direction of Department of Electrical Engineering, ElectroScience Laboratory, for period April 1, 1974 through March 31, 1975. (Project 3892-A1 - New)
- k. \$35,779.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, for Enzyme Catalysis of Electron and Group Transfer, under the direction of Department of Chemistry, for period May 1, 1974 through April 30, 1975. (Project 2811-E - Ext. #5)
- l. \$24,065.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, for Mapping of Intimal O<sub>2</sub> Tension in Artherosclerosis, under the direction of Department of Physiology, for period April 1, 1974 through December 31, 1974. (Project 1800-K - Ext. #10)
- m. \$23,547.00 from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, for Development of New Assays for Enzymes and Inhibitors, under the direction of College of Pharmacy, for period April 1, 1974 through March 31, 1975. (Project 2791-E - Ext. #5)
- n. \$17,000.00 from National Science Foundation, Washington, D. C., for Research Initiation--Work Flow in Complex Job Shops, under the direction of Department of Industrial and Systems Engineering, for period April 1, 1974 through September 30, 1975. (Project 3895-A1 - New)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts/Grants (continued)

- o. \$17,000.00 from National Science Foundation, Washington, D. C., for Research Initiation--Optimal Price and Rationing Policies, under the direction of College of Engineering, School of Architecture, for period April 1, 1974 through September 30, 1975. (Project 3894-A1 - New)
- p. \$13,205.00 from Department of Health, Education, and Welfare, Social Security Administration, Baltimore, Maryland, for Disability in the United States, under the direction of College of Law, for period April 1, 1973 through December 31, 1974. (Project 3246-A3 - Amend. #1)
- q. \$9,900.00 from National Science Foundation, Washington, D. C., for Workshop in Materials Problems and Research Opportunities in Coal Conversion, under the direction of Department of Metallurgical Engineering, for period April 1, 1974 through March 31, 1975. (Project 3897-A1 - New)
- r. \$6,700.00 from National Science Foundation, Washington, D. C., for Combinatorial Designs and Related Structures, under the direction of Department of Mathematics, for period July 1, 1971 through June 30, 1975. (Project 3228-A1 - Amend. #3)
- s. \$5,500.00 from Civil Service Commission, Denver, Colorado, for Contract Training for Department of Labor Training Program, under the direction of College of Administrative Science, Division of Continuing Education, for period August 27, 1973 through April 30, 1974. (Project 3800-A1 - Amend. #1)
- t. \$5,000.00 from National Science Foundation, Washington, D. C., for Fundamental Aspects of the Passivity of Metals, under the direction of Department of Metallurgical Engineering, for period April 1, 1974 through March 31, 1976. (Project 3907-A1 - New)
- u. \$4,500.00 from National Science Foundation, Washington, D. C., for Soviet American-Romania Seminar on Economic Relations Between Market and Planned Economics, under the direction of Department of Economics, for period May 1, 1974 through April 30, 1975. (Project 3905-A1 - New)
- v. \$3,750.00 additional funds from Civil Service Commission, Washington, D. C., for Course Materials, under the direction of College of Administrative Science, Division of Continuing Education. (Project 3808-F1 - Ext. #1)

June 14, 1974 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts/Grants (continued)

- w. \$3,400.00 from National Science Foundation, Washington, D. C., for Development and Total Synthesis of Physiologically Active Natural Products, under the direction of College of Pharmacy, for period April 1, 1974 through March 31, 1976. (Project 3906-A1 - New)
- x. \$2,236.00 additional funds from Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, for Studies on in vivo Growth of Staphylococci, under the direction of Department of Medical Microbiology. (Project 2330-D - Sup. #1)
- y. \$2,180.00 from Civil Service Commission, Washington, D. C., for Inter-Government Training Course Preparation Instruction, under the direction of College of Administrative Science, Division of Continuing Education, for period February 11, 1974 through June 30, 1974. (Project 3808-G1 - New)

TOTAL - Federal Research Contracts/Grants \$881,449.00

2. State of Ohio Research Contract/Grant

- a. \$70.00 additional funds from State of Ohio, Department of Mental Health and Mental Retardation, Division of Forensic Psychiatry, Columbus, Ohio, for Computer Services--Dayton-Montgomery Forensic Center, under the direction of College of Administrative Science, Division of Public Administration. (Project 3595-B2 - New)

3. Industrial, Subcontracts/Grants and Other  
Non-Federal Research Contracts/Grants

- a. \$38,665.00 from The Dikewood Corporation, Albuquerque, New Mexico, for High Frequency Analysis of EMP Interaction with Aircraft Models, under the direction of Department of Electrical Engineering, ElectroScience Laboratory, for period March 21, 1974 through February 15, 1975. (Project 3893-A1 - New)
- b. \$27,000.00 from State of Ohio, Department of Health, Columbus, Ohio, for Newborn Care, under the direction of Department of Pediatrics, for period January 1, 1974 through June 30, 1974. (Project 2052-H - Ext. #9)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

B. The Ohio State University Research Foundation (continued)

3. Industrial, Subcontracts/Grants and Other  
Non-Federal Research Contracts/Grants (continued)

- c. \$24,000.00 from Steel Founders' Society of America, Rocky River, Ohio, for Ferrite Control in Corrosion Resistant Steel Castings, under the direction of Department of Metallurgical Engineering, for period April 1, 1973 through March 31, 1975. (Project 350-E - Ltr. Dtd. 4/4/74)
- d. \$9,690.00 from Paint Research Institute, Philadelphia, Pennsylvania, for Paint Mildew Ecology, under the direction of Department of Botany, for period February 1, 1972 through June 30, 1975. (Project 3389-A1 - Ltr. Dtd. 2/19/74)
- e. \$5,000.00 from American Cancer Society, Ohio Division, Columbus, Ohio, for Immunoglobulin Analogs as Antineoplastic Agents, under the direction of College of Pharmacy, for period April 1, 1974 through March 31, 1975. (Project 3901-A1 - New)
- f. \$5,000.00 from American Cancer Society, Ohio Division, Columbus, Ohio, for Heterologous Brain Tumor Transplantation and Edema Formation, under the direction of Department of Surgery, for period April 1, 1974 through March 31, 1975. (Project 3902-A1 - New)
- g. \$5,000.00 from American Cancer Society, Ohio Division, Columbus, Ohio, for Detection of Tumor Specific Antibodies and Immune Complexes in Experimental Animals as a Model for Human Studies, under the direction of Department of Medical Microbiology, for period April 1, 1974 through March 31, 1975. (Project 3903-A1 - New)
- h. \$4,999.00 from American Cancer Society, Ohio Division, Columbus, Ohio, for Vincristine (Leurocristine)--The Preparation of Synthetic Models Through Indole Dimerization, under the direction of Department of Chemistry, for period April 1, 1974 through March 31, 1975. (Project 3899-A1 - New)
- i. \$4,785.00 from American Cancer Society, Ohio Division, Columbus, Ohio, for Cellular Immune Response to a Heritable Cancer in Humans, under the direction of Department of Medicine, for period April 1, 1974 through March 31, 1975. (Project 3900-A1 - New)

TOTAL - Industrial, Subcontracts/Grants and Other  
Non-Federal Research Contracts/Grants \$124,139.00

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

C. The Engineering Experiment Station

1. State of Ohio Research Contracts

- a. \$39,966.00 from Ohio Department of Highways, Columbus, Ohio, for Improving Driver Performance on Curves in Rural Highways Through Perceptual Changes, under the direction of the Department of Industrial and Systems Engineering, Systems Research Group, for period March 22, 1974 through March 21, 1975. (EES 428, Ext. #3)
- b. \$2,000.00 from Ohio Department of Highways, Columbus, Ohio, for Investigation of Traffic Dynamics by Aerial Photogrammetry Techniques, under the direction of Department of Civil Engineering, for period March 1, 1974 through October 31, 1974. (EES 278, Ext. #12)

TOTAL - State of Ohio Research Contracts \$41,966.00

2. Industrial and Other Research Contracts

- a. \$40,176.00 from Columbia Gas System Service Corporation, Columbus, Ohio, for Detection of Buried Pipe from the Shovel of a Back Hoe, under the direction of Department of Electrical Engineering, for period April 11, 1974 through April 19, 1975. (EES 479)
- b. \$27,540.00 from City of Columbus, Columbus, Ohio, for Analysis and Evaluation Support to the Franklin County Pre-Trial Release Program, under the direction of Department of Industrial and Systems Engineering, for period January 2, 1974 through June 30, 1974. (EES 475)
- c. \$7,276.00 from Bryan Board of Public Affairs, Bryan, Ohio, for Assessing the Feasibility of Future Electric Power Generation in the Bryan, Ohio, Municipal System, under the direction of Department of Industrial and Systems Engineering, for period March 25, 1974 through September 24, 1974. (EES 478)

TOTAL - Industrial and Other Research Contracts \$74,992.00

D. The Ohio State University Development Fund

1. Gifts of \$5,000 or More

- a. \$50,000.00 from the Estate of Herman V. Glunz for scholarships for undergraduate and/or fellowships for graduate students in the College of Engineering.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund (continued)

1. Gifts of \$5,000 or More (continued)

- b. \$31,121.37 from the Estate of J. Forest Craig, Columbus, Ohio, for a purpose to be designated at a later date.
- c. \$26,627.23 from The Associates of Medicine, Columbus, Ohio, to continue their support of the Department of Medicine General Fund.
- d. \$17,889.23 from Louise Orr Scott Foundation, Columbus, Ohio--\$13,416.92 for scholarships in the College of Medicine and \$4,472.31 for scholarships in the College of Pharmacy.
- e. \$15,000.00 from Foundation for Endowment of a Chair at Ohio State University, Inc., New York, New York, for the Meshulam Riklis Chair in the College of Administrative Science.
- f. \$9,000.00 from Rohm and Haas Company, Philadelphia, Pennsylvania--\$5,000.00 for support of the graduate education program in the Department of Chemistry; \$3,000.00 for support of the Department of Chemical Engineering for whatever purpose deemed necessary by the Chairman; and \$1,000.00 for its scholarship aid to students in Chemical Engineering.
- g. \$6,240.00 from The Babcock & Wilcox Company, Alliance, Ohio, for its fellowship fund in the Department of Metallurgical Engineering.
- h. \$6,200.00 from The Upjohn Company, Kalamazoo, Michigan--\$6,000.00 for infectious disease research and \$200.00 for hematology and cancer research.
- i. \$5,200.00 from The Ohio State University Women's Club, Columbus, Ohio--\$3,450.00 for their emergency loan fund and \$1,750.00 for their scholarship fund.
- j. \$5,000.00 from Ford Motor Company Fund, Dearborn, Michigan, for a new project to provide assistance for minority students.
- k. \$5,000.00 from the George F. Lonz Foundation, Middle Bass, Ohio, for support of the Department of Horticulture's programs in Enology and Viticulture.
- l. \$5,000.00 from The Procter & Gamble Company, Cincinnati, Ohio, for support of the teaching and research activities that form a part of the Department's graduate program in the field of Veterinary Pathobiology.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

D. The Ohio State University Development Fund (continued)

2. Establishment of Named Funds

- a. \$15,000.00 from Harvey A. Shuler for the establishment of The Harvey A. and Mary Grace Holliday Shuler Scholarship Fund.

The Harvey A. and Mary Grace  
Holliday Shuler Scholarship Fund

The Harvey A. and Mary Grace Holliday Shuler Scholarship Fund was established June 14, 1974, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Harvey A. Shuler, Mechanical Engineering '11, Detroit, Michigan.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and re-invest as occasion dictates.

The annual income is to be used to provide scholarships, student loans, or grants-in-aid for graduate or undergraduate students enrolled in the College of Engineering with first preference given to students enrolled in the Department of Mechanical Engineering. The selection of the recipients is to be made upon the recommendation of the University Committee on Student Financial Aids.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for scholarships.

- b. \$5,000.00 from friends of The Griffith Foundation for the establishment of The Griffith Foundation Endowment Fund.

The Griffith Foundation Endowment Fund

The Griffith Foundation Endowment Fund was established June 14, 1974, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends of The Griffith Foundation.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund (continued)

2. Establishment of Named Funds (continued)

b. The Griffith Foundation Endowment Fund (continued)

The annual income is to be used for the support of educational activities of The Griffith Foundation.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for insurance education.

- c. \$5,000.00 from G. Alfred Krebs, Sr., for the establishment of the Betty J. Krebs Memorial Fund.

Betty J. Krebs Memorial Fund

The Betty J. Krebs Memorial Fund was established June 14, 1974, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund by G. Alfred Krebs, Sr., Bach. Arch. Eng. '32, in memory of his wife, Betty J. Krebs, formerly of Newark, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be added to principal until the principal reaches \$10,000 at which time annual income is to be used to provide a scholarship for a student enrolled on the Newark Campus of The Ohio State University.

Should the need for this scholarship cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the Director of the Newark Regional Campus.



III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS  
(continued)

D. The Ohio State University Development Fund (continued)

2. Establishment of Named Funds (continued)

- d. \$2,260.42 from friends, colleagues, and former students of Lucile B. Alexander for the establishment of The Lucile B. Alexander Recognition Fund.

The Lucile B. Alexander Recognition Fund

The Lucile B. Alexander Recognition Fund was established June 14, 1974, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends, colleagues, and former students of Lucile B. Alexander, in honor of her retirement from the School of Home Economics.

The gift is to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide financial assistance to students enrolled in the School of Home Economics in recognition of their leadership and scholastic ability, upon the recommendations of the Director of the School of Home Economics.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for scholarships.

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IV. BUSINESS AND ADMINISTRATION

A. Plans and Specifications

At the request of the Vice President for Business and Administration, President Enarson recommended that the plans and specifications, bills of materials, and estimates of cost for the following project be approved by the Board of Trustees:

IV. BUSINESS AND ADMINISTRATION (continued)

A. Plans and Specifications (continued)

1. Lima Campus--New Recreational Area

This project provides for the construction of two new tennis courts to meet all requirements for varsity-type competition. It will also provide one baseball diamond.

Funds are budgeted in Budget Account 801301 (Lima Campus, New Recreational Area).

Upon motion of Mr. Harrod, seconded by Mr. Gushman, the above recommendation was approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above project for and on behalf of the Board of Trustees. The Vice President for Business and Administration was directed to proceed with a request for bids in the normal University manner, and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

B. Report of Award of Contracts

1. Cancellation of Bids

Bids on the following projects have been judged to be unacceptable. Accordingly, authority is being requested to reject all bids and cancel these projects:

a. Rebid and Cancellation of Project

Fawcett Center for Tomorrow--Roadway Improvements

On April 5, 1974, the award of contract to Legg & Davis, Inc., was reported to the Board. The low base bid was \$17,552.00 on an estimate of \$20,116.00. Following the acceptance of the bid, Legg & Davis, Inc., refused to accept the contract for this work because of an alleged error which had been made in completing the bid document. Upon advice of legal counsel this matter was not pursued and the project was rebid on May 3, 1974.

Since Legg & Davis, Inc., was the only contractor to submit a quotation at the May 3, 1974 rebid, and counsel recommended against an award under these conditions, President Enarson recommended that the project in its present form be cancelled.

b. Cancellation of Project

Dentistry Building--Heating System Repairs

On April 19, 1974, bids were received on the project known as "Dentistry Building--Heating System Repairs." The low bid on the Heating, Ventilating and Air Conditioning Contract was

IV. BUSINESS AND ADMINISTRATION (continued)

B. Report of Award of Contracts (continued)

1. Cancellation of Bids (continued)

b. Cancellation of Project

Dentistry Building--Heating System Repairs (continued)

\$69,900.00 and the estimate was \$54,000.00. The bid on the Electrical Contract was \$3,817.00 submitted by Claggett Electric, and the estimate was \$10,000.00. Because of the magnitude of the bids over estimate on the HVAC Contract, President Enarson recommended that all bids be cancelled and the project be re-studied in an effort to achieve a less costly solution.

c. Rebid and Cancellation of Project

Ohio Stadium--All Weather Track

On April 9, 1974, bids were received on the project known as "Ohio Stadium--All Weather Track." The low bid on the General Contract was \$324,965.00, submitted by Farley Paving, Inc., compared to an estimate of \$80,500.00. On the Synthetic Track, the low bid received was by the Monsanto Company in the amount of \$125,245.00 compared to an estimate of \$215,000.00. The Electrical Contract low bid was \$7,860.00 submitted by the Utilicon Company, against an estimate of \$4,500.00. The total bids received on this project were \$458,070.00 and the total estimate was \$300,000.00.

On April 30, 1974, rebids were received on this project for the General and Electrical Contracts. The low bid received on the General Contract was submitted by Farley Paving, Inc., in the amount of \$262,288.85 and the new estimate was \$165,755.00. On the Electrical Contract, the low bid was submitted by Jess Howard Electric Company in the amount of \$7,474.00 against an estimate of \$9,000.00. The total bids received on the rebid for General and Electrical Contracts were \$269,762.85 on a rebid total estimate of \$174,755.00.

Since the bids received on the General Contract were so high as to be unacceptable (initial and rebid), the decision to reject all bids and cancel the project for the year's construction period was made.

Upon motion of Mr. Gushman, seconded by Mrs. James, the above cancellation of contracts was approved by unanimous roll call vote.

June 14, 1974 meeting, Board of Trustees

IV. BUSINESS AND ADMINISTRATION (continued)

B. Report of Award of Contracts (continued)

2. Award of Contracts

In accordance with authorization provided by the Board of Trustees, bids were taken on the project listed below and the contracts were recommended for award. The action reported to the Board was as follows:

a. Ohio Stadium--Additional Rest Room Facilities

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(4 bids received 4-23-74)		
Henry A. Justus, Inc. (Columbus)		
Base bid	\$ 89,930.00	\$ 97,000.00
Alt. G-1 Additional Rest Room "E"	+ 12,980.00	+ 11,000.00
Total Contract	<u>\$102,910.00</u>	<u>\$108,000.00</u>
<u>Plumbing Contract</u>		
(5 bids received 4-23-74)		
Mid-Western Mechanical		
(Columbus)		
Base bid	\$ 79,500.00	\$ 90,000.00
Alt. P-1 Additional Rest Room "E"	+ 12,500.00	+ 9,000.00
Total Contract	<u>\$ 92,000.00</u>	<u>\$ 99,000.00</u>
<u>Heating and Ventilating Contract</u>		
(3 bids received 4-23-74)		
Limbach Company (Columbus)		
Base bid	\$ 7,400.00	\$ 12,300.00
Alt. HV-1 Additional Rest Room "E"	+ 1,100.00	+ 2,000.00
Total Contract	<u>\$ 8,500.00</u>	<u>\$ 14,300.00</u>
<u>Electrical Contract</u>		
(2 bids received 5-2-74) Rebid		
Jess Howard Electric Company		
(Columbus)		
Base bid	\$ 19,875.00	\$ 39,912.00
Alt. E-1 Additional Rest Room "E"	+ 2,732.00	+ 5,000.00
Total Contract	<u>\$ 22,607.00</u>	<u>\$ 44,912.00</u>
<u>Total All Contracts</u>	<u>\$226,017.00</u>	<u>\$266,212.00</u>

June 14, 1974 meeting, Board of Trustees

IV. BUSINESS AND ADMINISTRATION (continued)

B. Report of Award of Contracts (continued)

2. Award of Contracts (continued)

a. Ohio Stadium--Additional Rest Room Facilities (continued)

Funds for this project have been provided from Budget Account 801288 (Athletic Revenue Funds).

Upon motion of Mr. Hilliker, seconded by Mr. Harrod, the above award of contracts and expenditure of funds were approved, and the action of the Vice President for Business and Administration was ratified by unanimous roll call vote.

C. Other

1. Purchase of Buildings and Property - South Campus  
189-195 West Eleventh Avenue

It was recommended that the President and/or Vice President for Business and Administration be authorized to proceed with the purchase of:

Lot #19 and Lot #20, University Heights, Columbus, Franklin County, Ohio, and more commonly known as 189-195 West Eleventh Avenue

from the Continental Credit Corporation for the sum of \$55,000 from General University Funds, and in the name of the State of Ohio (The Ohio State University).

Upon motion of Mr. Kessler, seconded by Mrs. James, the above recommendation was approved by unanimous roll call vote.

D. Report of Controlling Board Actions Pertaining  
to The Ohio State University

- 21 Approves the release of \$49,500 from H. B. 985, Item 315-074 (Utilities and Renovation) to award contracts for the project known as "Law Library Improvements."
- 22 Approves the release of \$160,000 from H. B. 985, Item 315-082 (Mansfield Campus - Phase IV) for planning funds for the project known as "Mansfield Campus - Phase IV."
- 23 Approves the release of \$100,000 from H. B. 985, Item 315-088 (The Ohio State University in Cooperation with Marion Technical College) for planning funds for the project known as "Marion Campus - Phase II."

June 14, 1974 meeting, Board of Trustees

IV. BUSINESS AND ADMINISTRATION (continued)

D. Report of Controlling Board Actions Pertaining to The Ohio State University (continued)

- 24 Approves the release of \$117,254 from H.B. 985, Item 315-074 (Utilities and Renovation) to award contracts on the project known as "Electric Trunk Lines - Utility Substation."
- 25 Approves the release of \$55,000 from H.B. 985, Item 366-001 (Agricultural Technical Institute, Wooster) for the construction of an "Equine Exercise Building" at the Agricultural Technical Institute at Wooster, Ohio.
- 26 Approves the release of \$49,500 from H.B. 985, Item 315-074 (Utilities and Renovation) for award of contracts on the project known as "College of Education Library Improvements (Arps Hall)."
- 27 Approves the release of \$220,000 from H.B. 985, Item 315-081 (Recreation, Physical Education, Intramural Facilities) for planning funds on the project known as "Recreation, Physical Education, Intramural Facilities."
- 28 Approves the release of \$55,000 from General University Funds for the purchase of 189-195 West 11th Avenue, Columbus, Franklin County, Ohio, from Continental Credit Corporation.

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V. REPORTS

A. Report of Auditor of State - The Ohio State University Hospitals

The Annual Report of the Auditor of State for The Ohio State University Hospitals for the fiscal year 1971-1972 has been received and reviewed by the appropriate officers of the University.

The accounts, records, files, and reports of The Ohio State University Hospitals were found to be in order with a limited number of exceptions which have since been accommodated.

President Enarson recommended that this Report of the Auditor of State for the fiscal year 1971-1972 for The Ohio State University Hospitals be received and filed with the official documents of the University.

Upon motion of Mr. Harrod, seconded by Mrs. James, the above recommendation was approved by unanimous voice vote.

V. REPORTS (continued)

B. Report from Insurance Committee

Dr. Sirak made the following report on insurance coverages:

1. Blanket Crime Policy

Since the current blanket crime insurance policy will expire July 8, 1974, competitive bids with alternative specifications were recently solicited and received to continue this coverage, for a three-year period. An analysis revealed that The Buckeye Union Insurance Company, through the Atkinson-Dauksch Agencies, Inc., submitted the lowest and best bid proposal of \$21,485.

2. Concealed Weapons and Faithful Performance Police Bonds

Sections 2923.01 (Weapons Bonds) and 3345.04 (Faithful Performance Bonds) of the Revised Code of Ohio requires that specially appointed Police Officers give bond to the State of Ohio in a form approved by the Clerk of Courts of Common Pleas, Franklin County, Ohio, and the Attorney General of the State of Ohio, in the sum of one thousand dollars for each police officer employed by the University.

Coverage provided by the existing bonds expires June 30, 1974. Accordingly competitive bids were requested and received to extend this coverage for an additional three-year period. Analysis revealed that the National Surety Corporation, through the Atkinson-Dauksch Agencies, Inc., submitted the lowest and best bid proposal of \$1,365.

3. Medical Care Insurance Plan for Eligible Retired Employees and Dependents

As the five State of Ohio retirement systems are implementing a new, comprehensive health care insurance plan effective July 1, 1974, and because the full cost of this new health care insurance will be paid for primary recipients by the Ohio retirement systems, it is necessary to make certain revisions in the plan of medical care insurance which the University makes available to eligible retired employees and dependents.

V. REPORTS (continued)

B. Report from Insurance Committee (continued)

Dr. Sirak's report (continued)

3. Medical Care Insurance Plan for Eligible Retired Employees and Dependents (continued)

The Board of Trustees of The Ohio State University resolves that the John Hancock Mutual Life Insurance Contract No. 58175-GTC as amended for faculty and staff and Contract No. GTC-58175-100 as amended for classified and hourly employees be amended further to include the following changes to be made effective on July 1, 1974:

- a. Any and all medical care expenses which are covered on a non-contributory basis for primary recipients under the health insurance plan of the Ohio retirement systems will be eliminated as covered expenses under the University's plan of medical care insurance for retirees. Eligible OSU retirees will continue to be eligible for the University's plan of medical care insurance for retirees on payment of the appropriate quarterly premium.
- b. The University's medical care insurance plan available to the spouse and covered dependents of an eligible retiree will be subject to the standard coordination of benefits provision with other coverage which they may have under the Ohio retirement systems.
- c. The deductible amount under the University's major medical insurance will be \$500 for spouses and covered dependents of retired employees if such spouses and covered dependents are not eligible for Medicare and do not participate under the health care insurance available to them on a contributory basis through any of the Ohio retirement systems.

On behalf of the Insurance Committee Dr. Sirak recommended that the President and/or Vice President for Business and Administration be authorized to implement these recommendations.

Upon motion of Dr. Sirak, seconded by Mr. Kessler, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.



June 14, 1974 meeting, Board of Trustees

V. REPORTS (continued)

C. Report on the University's Investment Portfolio

The report dated June 5, 1974, as submitted to the Finance Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

D. Report by President Enarson on "Closed Campus"

President Enarson reported that contrary to what has been in the Lantern or in the newspapers, the University administration has not reached a final decision with respect to the particular streets to be closed on the Central Campus in an effort to achieve a pedestrian campus. He further assured that there will be open meetings during the summer for the purpose of reviewing and discussing the recent proposal.

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INTRODUCTION OF PRESIDENT, COUNCIL OF GRADUATE STUDENTS

President Enarson introduced Anita M. Collins, who succeeds James E. Parsons as President of the Council of Graduate Students.

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Thereupon the Board adjourned to meet Friday, July 12, 1974, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

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Edward Q. Moulton  
Secretary

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John H. Dunlap  
Vice Chairman

Page 556 Blank

APPENDIX IV

Degrees Conferred at

THE OHIO STATE UNIVERSITY  
COMMENCEMENT CONVOCATION

June 7, 1974

Page 558 Blank

## **The Recipients of Honors**

### **MILTON CANIFF**

#### **Doctor of Humane Letters**

Conscientious craftsman, loyal alumnus, friend of his fellow man, Milton Caniff's creative life has captured our imagination and admiration. His involvement with programs for youth and the handicapped demonstrates his continuing concern for the welfare of humanity. The Ohio State University is honored to confer upon Milton Caniff the degree, Doctor of Humane Letters, *honoris causa*.

### **JOSEPH SANDY HIMES**

#### **Doctor of Science**

Distinguished sociologist, Joseph Sandy Himes' contributions to his profession through authorship of numerous articles, as a sought-after consultant, and by his personal example mark him as a respected leader in higher education. He has been an active and articulate spokesman for equal rights and expanded opportunities for the disadvantaged in our society. The Ohio State University is honored to confer upon Joseph Sandy Himes the degree, Doctor of Science, *honoris causa*.

### **WALTER R. KRILL**

#### **Doctor of Science**

Dedicated teacher, counselor, and leader in the field of veterinary medicine, Walter R. Krill has displayed a firm belief in the abilities of others, inspiring students and faculty to achieve distinctions of their own. His statesmanship on behalf of veterinary medicine in the areas of government and public service has given people the world over the benefit of his extraordinary wisdom. The Ohio State University is honored to confer upon Walter R. Krill the degree, Doctor of Science, *honoris causa*.

### **ROBERT M. ZOLLINGER**

#### **Doctor of Science**

Outstanding surgeon and scholar, Robert M. Zollinger's enlightened approach to medicine has established him as a pioneer in exploring new horizons in medical understanding. Internationally recognized as an innovative leader in his profession, he has brought distinction to himself, to medicine, and to Ohio State, his alma mater. The Ohio State University is honored to confer upon Robert M. Zollinger the degree Doctor of Science, *honoris causa*.

## Graduate School

Dean: Arliss L. Roaden

### Doctor of Philosophy

One hundred and forty-seven candidates

- Edward Adelson, Columbus  
B.A. (New York University); M.S.  
*Dissertation*: Quaternion and Octonion Theories of Weak and Electromagnetic Interactions  
*Field of Specialization*: Physics
- Roger Alphee Allaire, Columbus  
B.S. (Lowell Technological Institute); M. of Eng. (University of Utah)  
*Dissertation*: Whole Field Displacement Measurements by Holographic Interferometry—With Application on Sonic Transducers  
*Field of Specialization*: Engineering Mechanics
- Matthew Joseph Andresino, Garden City, N. Y.  
B.A. (Canisius College); M.A. (Columbia University); M.A.  
*Dissertation*: A Conceptual and Psychometric Analysis of the Schizotypal Construct  
*Field of Specialization*: Psychology
- Robert Francis Ankney, Dover  
B.S.Ed., M.A.  
*Dissertation*: Effects of Classroom Spatial Arrangement on Student Behavior  
*Field of Specialization*: Education
- Joyce Eileen Arbaugh, Tempe, Ariz.  
B.A., M.S. (Arizona State University)  
*Dissertation*: Profiling the Textile/Apparel Consumer: A Study of the Usage of Care Label Information  
*Field of Specialization*: Home Economics
- Minoru Arita, Tokyo, Japan  
B.S. (Tokyo Institute of Technology)  
*Dissertation*: Thermodynamic Activities in the Binary Fe-Mn and Ternary Fe-Mc-Si Systems at 1833 K by Vapor Condensation  
*Field of Specialization*: Metallurgical Engineering
- Edwin Arthur Arnfield, Warren, Mich.  
A.B., M.Edu. (Wayne State University)  
*Dissertation*: A Study of the Relationship Between Collective Bargaining Impasse and the Attitudes and Performance of Biology Instructors and Biology Students in Two Urban Community Colleges in Michigan  
*Field of Specialization*: Education
- Dirk Edmond Baker, Grahamstown, South Africa  
B.Sc., B.Sc. (Rhodes University)  
*Dissertation*: The Focal-Region Fields of Paraboloidal Reflectors of Arbitrary  $f/D$  Ratio  
*Field of Specialization*: Electrical Engineering
- Luiz Antonio Balastreire, Sao Paulo, Brazil  
B.S., M.S. (Universidade de Sao Paulo)  
*Dissertation*: Relaxation Modules and Fracture Parameters for Corn Endosperm in Bending  
*Field of Specialization*: Agricultural Engineering
- Rodney Jack Ball, Chesterland  
B.S.Ed., M.A.  
*Dissertation*: The Feasibility of Determining Success Criteria for Educational Research and Development Projects  
*Field of Specialization*: Education

- Philip Everett Barnhart, Worthington  
B.A. (Manchester College); A.M. (Indiana University)  
*Dissertation*: Photoelectric Solar Limb Scans for Determining Mean Chromospheric Structure  
*Field of Specialization*: Astronomy
- John Richard Basehart, Newcomerstown  
B.A., M.A. (Kent State University)  
*Dissertation*: The Development of Henry Irving's Shakespearean Staging During His Early Years at the Lyceum Theatre  
*Field of Specialization*: Theatre
- David William Berrie, Mason City, Ia.  
B.S.E.E. (Iowa State College); M.S.  
*Dissertation*: The Effects of Pseudo-Random Noise Upon Radar System Performance  
*Field of Specialization*: Electrical Engineering
- Richard Paul Boekenkamp, Garden City, Pa.  
B.S. (Franklin and Marshall College); M.S. (Cornell University)  
*Dissertation*: Geological Education in the United States During the Late Nineteenth Century  
*Field of Specialization*: Education
- Nicholas Robert Brownlee, Fairborn  
B.A. (Kalamazoo College)  
*Dissertation*: Free Radical Production and Hydrogen Peroxide Formation in the Oxidation of Glutathione and Their Effects on the Red Blood Cell  
*Field of Specialization*: Physiological Chemistry
- Garret Patrick Caffrey, Pawtucket, R. I.  
B.S. (University of Rhode Island); M.Ed. (Bowling Green State University)  
*Dissertation*: The Physiological Effects of Chronic Heavy Physical Training on Male Age Group Swimmers  
*Field of Specialization*: Physical Education
- Stephen Eugene Caldwell, Columbus  
B.S.Phys., M.S.  
*Dissertation*: Properties of Some Low-Lying Levels in  $^{55}\text{Co}$   
*Field of Specialization*: Physics
- Truong Quang Canh, Saigon, Vietnam  
B.S.Agr. (University of the Philippines); M.S. (University of North Carolina)  
*Dissertation*: Income Instability and Consumption Behavior: A Study of Taiwanese Farm Households 1964-1970  
*Field of Specialization*: Agricultural Economics and Rural Sociology
- Thomas Yeong-Hwa Chang, Taipei, Taiwan  
B.S.Engr. (National Taiwan University); M.S. (University of Rhode Island)  
*Dissertation*: Probabilistic Approach to Pavement System Analysis  
*Field of Specialization*: Civil Engineering
- Allen Robert Chilina, Pullman, Wash.  
D.V.M. (Washington State University)  
*Dissertation*: Biochemical Studies *In Vitro* Carcinogenesis Using N-Methyl-N-Nitrosourea  
*Field of Specialization*: Biochemistry, Veterinary Pathology

Arlington W. Chisman, Jr., Hampton, Va.  
B.S., M.Ed. (Virginia State College)  
*Dissertation:* A Comparison of the Educational and Occupational Aspirations and Expectations of Black Secondary School Students in Career Education Programs with Black Secondary School Students not in Career Education Programs  
*Field of Specialization:* Education

Kuenja Choi Chung, Seoul, Korea  
B.S. (Seoul National University); M.S. (Western Illinois University)  
*Dissertation:* The Experimental and Theoretical Study of Sulfur Dioxide  
*Field of Specialization:* Chemistry

Jerome McClain Clemens, Columbus  
B.S.Ed., M.A.  
*Dissertation:* Estimates in the Mixed Space-Time Domain of the Conversion of Kinetic Energy Between the Mean Flow and the Eddies in the Great Lakes Atmosphere  
*Field of Specialization:* Geography

Robert Ulysses Coker, New Market, Tenn.  
B.A. (Georgetown College); M.S. (University of Tennessee)  
*Dissertation:* A Study of Current Status of Curricula in Vocational Education Department in Higher Education Institutions to Prepare State Personnel Development Supervisors  
*Field of Specialization:* Education

Gary Austin Crow, McArthur  
A.B. (Ohio University); M.S.W.  
*Dissertation:* Correlates of Teenage Drug Use  
*Field of Specialization:* Social Work

Robert Anthony D'Amato, Columbus  
B.S. (Stonehill College)  
*Dissertation:* Assay and Properties of Plasmalogenase Under Normal and Pathological Conditions  
*Field of Specialization:* Pathology

Richard Joseph Darwin, Columbus  
B.A. (University of Buffalo); M.A. (State University of New York at Buffalo)  
*Dissertation:* Geography, Economic Development and Spatial Policy  
*Field of Specialization:* Geography

Joseph Melvin Davis, University Heights  
B.S.Bus.Adm., M.A.  
*Dissertation:* Experimenting Schools: Work Toward a Theory of School Experimentation  
*Field of Specialization:* Education

Pamela Sue Diehl, Dayton  
B.S. (University of Dayton); M.A.  
*Dissertation:* Effects of a Season of Training and Competition on Selected Physiological Parameters in Female College Basketball Players  
*Field of Specialization:* Physical Education

Philip Paul Di Stefano, Steubenville  
B.S.Ed.; A.M. (West Virginia University)  
*Dissertation:* A Comparison of Student Attitudes Toward Traditional and Diversified Elective English Offerings  
*Field of Specialization:* Education

Rosie Nucklos Doughty, Columbus  
B.S.Ed., M.A.  
*Dissertation:* An Exploration of Some Associations Between Student-Community Unrest and the Promotion of Black Administrators in Public Schools  
*Field of Specialization:* Education

Owen Lowe Duncan, Jr., Huntington, W. Va.  
B.A. (Marshall University); M.A.  
*Dissertation:* The Political Career of Sir Henry Neville: An Elizabethan Gentleman at the Court of James I  
*Field of Specialization:* History

Rodney Wayne Durgin, Columbus  
B.S. (University of Maine); M.A. (Western Michigan University)  
*Dissertation:* A Model for Managing Career Guidance Programs in Secondary Schools of Ohio  
*Field of Specialization:* Education

Chester Joseph Dymek, Jr., Worcester, Mass.  
B.S., M.S. (College of the Holy Cross)  
*Dissertation:* An Analysis of the 000, 100, 010, and 110 Vibrational Levels of the  $A^2\Pi_u$  and  $X^2\Pi_g$  Electronic States of  $^{10}\text{BO}_2$  from Absorption Spectra in the Region 4000-5800 Å  
*Field of Specialization:* Chemistry

Steven Guy Ferguson, Chattanooga, Tenn.  
A.B. (University of Chattanooga); M.A.  
*Dissertation:* The Effects of Hierarchy Content Variations in the Systematic Desensitization of High Test Anxious College Students of Differing Self Reported Study Habits  
*Field of Specialization:* Psychology

Karen L. Filoso, Dayton  
B.S.Ed. (Miami University); M.A.  
*Dissertation:* Female Adolescents' Perceptions of Self, of Their Television Fictional Role Models, and of Their Real World Role Models An Exploratory Study  
*Field of Specialization:* Education

Edgar Fleenor, Jr., Indianapolis, Ind.  
B.S., M.A. (Indiana State University)  
*Dissertation:* The Perception of Problem Areas in Public Secondary Trade and Industrial Education Programs in Indiana  
*Field of Specialization:* Education

Albert William Flores, East Lake  
A.B. (Cleveland State University); M.A.  
*Dissertation:* Materialism: A Critical Evaluation of the Various Attempts to Defend this Thesis from the Problem Presented by the Phenomenal Properties of Sensations  
*Field of Specialization:* Philosophy

Thomas Rowland Foster, Plainfield, N. J.  
A.B. (Oberlin College)  
*Dissertation:* The Russell-Leibniz Definition of Identity: Some Problems  
*Field of Specialization:* Philosophy

Allen Edward Fousek, Broadview Heights  
B.S., M.Ed. (Kent State University)  
*Dissertation*: New Car Dealers' Perception of Service and Repair Trainees Who Are Graduates of High School Vocational Programs  
*Field of Specialization*: Education

Marcia Leigh Friedrich, Milwaukee, Wis.  
B.A. (University of Wisconsin); M.S.  
*Dissertation*: The Effects of Continuous High Temperature Incubation on the Development and the Glycogen Storing Ability of the Glycogen Body in Gallus Domesticus (Linnaeus)  
*Field of Specialization*: Anatomy

Sara Schindler Garnes, Columbus  
B.A. (University of Iowa)  
*Dissertation*: Quantity in Icelandic: Production and Perception  
*Field of Specialization*: Linguistics

Philip James Garry, Worthington  
B.A., M.S. (University of Iowa)  
*Dissertation*: A Study of the Influence of Dietary Vitamin A on the Level of Liver and Serum Cholinesterase in Rats  
*Field of Specialization*: Home Economics

Lester Paul Gibson, Plain City  
B.S., M.S.  
*Dissertation*: A Review of the Genus *Urosigalphus* of South America (Hymenoptera: Braconidae)  
*Field of Specialization*: Entomology

Gurdial Singh Gill, Punjab, India  
B.V.Sc. and A.H. (University of Panjab); M.Sc. (Panjab Agricultural University)  
*Dissertation*: Breeding and Selection Methods for Optimising a Profit Function in Dairy Cattle  
*Field of Specialization*: Dairy Science

Antonio Gimenez-Cruz, Montreal, Que., Canada  
Lic. (University of Madrid); M.A.  
*Dissertation*: Estudio Historico Literario de la Cronica de Don Alvaro de Luna  
*Field of Specialization*: Romance Languages and Literatures

Eloy Gonzalez, Wichita, Kan.  
B.Sc. (Saint Benedict's College); M.A. (University of Missouri)  
*Dissertation*: El Amadis de Gaula: Analisis e Interpretacion  
*Field of Specialization*: Romance Languages and Literatures

Joni Linick Grant, Tampa, Fla.  
B.A. (El.Ed.) (San Fernando Valley State College); M.A.  
*Dissertation*: Certain Oral Communicative Skills of Young Children from Two Ethno-Economic Groups in Two Urban Communities  
*Field of Specialization*: Communication

David Ross Gross, Columbus  
B.S., D.V.M. (Colorado State University); M.S.  
*Dissertation*: Pressure-Flow Relationships in the Left Common Coronary Artery of Horses and the Renal Artery of Dogs  
*Field of Specialization*: Veterinary Physiology and Pharmacology

Hani Rizk Guirguis, Columbus  
B.C.E., Dipl. (Cairo University, Egypt); M.S.  
*Dissertation*: Application of Mechanistic Approach to Pavement Systems Permanent Deformation Evaluation  
*Field of Specialization*: Civil Engineering

Stephen A. Hallock, Niles  
B.A. (Wittenberg University); M.S.  
*Dissertation*: Some Photochemical Reactions of Dimanganesedecacarbonyl  
*Field of Specialization*: Chemistry

Paul Leon Hammer, Jr., Falls Village, Conn.  
B.S. (University of Connecticut); M.S.  
*Dissertation*: Greenhouse Studies on the Effect of Chemical Growth Retardants on Shoot Growth of *Chrysanthemum morifolium* Ramat. and *Euphorbia pulcherrima* Willd.  
*Field of Specialization*: Horticulture

William John Hannaford, Elyria  
B.A. (Denison University); M.B.A.  
*Dissertation*: A Comparative Study of Systems Selling by Industrial Distributors  
*Field of Specialization*: Business Administration

Von Duane Hardesty, Painesville  
B.A. (Bluffton College); M.A. (Western Reserve University)  
*Dissertation*: Lev A. Tikhomirov and the Autocratic Principle: A Study of His Conservative Thought  
*Field of Specialization*: History

Douglass Kenneth Hawes, Columbus  
B.E.E. (Rensselaer Polytechnic Institute); M.B.A.  
*Dissertation*: An Exploratory Nationwide Mail Survey of Married Adult Leisure-Time Behavior Patterns and the Satisfaction Derived from Leisure-Time Pursuits  
*Field of Specialization*: Business Administration

Dwight Harold Hector, Columbus  
B.S. (Findlay College)  
*Dissertation*: Functional Anatomy of the Respiratory Apparatus of the Starling  
*Field of Specialization*: Zoology

Rada Ruth Higgins, Miami, Fla.  
A.B. (University of Miami); M.S.  
*Dissertation*: On the Asymptotic Behavior of Certain Sequences  
*Field of Specialization*: Mathematics

Donald William Hinrichs, Gettysburg, Pa.  
B.A. (Western Maryland College); M.A. (University of Maryland)  
*Dissertation*: Social Control, Skid Row and the Urban Rescue Mission: An Empirical Study  
*Field of Specialization*: Sociology

Raymond Duane Hinrichs, Columbus  
B.A. (Holy Cross Seminary); M.A. (Illinois State University)  
*Dissertation*: Development and Prioritization of an Activity Base for the Practice of Student Development  
*Field of Specialization*: Education



Joseph William Hoebler, Columbus  
B.S.Bus.Adm. (Duquesne University); M.A.  
*Dissertation*: Monetary Policy Indicators and Targets:  
Some Issues  
*Field of Specialization*: Economics

Betty-ann Hoener, Kettering  
B.S. (University of Cincinnati)  
*Dissertation*: Alteration in the Circular Dichroism Spectra  
of 30S Ribosomal Subunits, Ribosomal RNA and Transfer  
RNA in the Presence of Aminocyclitol Antibiotics  
*Field of Specialization*: Pharmacy

Russell William Howell, Ellicott City, Md.  
B.S. (Wheaton College)  
*Dissertation*: Annular Functions in Potential Theory and  
Probability  
*Field of Specialization*: Mathematics

William Samuel Jacobs, Brooklyn, N. Y.  
A.B. (University of Rochester); M.A.  
*Dissertation*: EINA1 and Existence in Aristotle  
*Field of Specialization*: Philosophy

Elizabeth Garner Joiner, York, S. C.  
A.B. (LaGrange College); M.A. (University of Georgia)  
*Dissertation*: Communicative Versus Non-Communicative  
Language Practice in the Teaching of Beginning College  
French: A Comparison of Two Treatments  
*Field of Specialization*: Education

Virginia Stone Kaiser, Columbus  
B.S. (Murray State College); M.A.  
*Dissertation*: An Exploratory Study of Selected Spoken  
and Unspoken Behaviors in an Inner-City Mathematics  
Laboratory for Underachieving Students  
*Field of Specialization*: Education

Ellyn Uram Kaschak, Valley Stream, N. Y.  
B.A. (Harpur College); M.A. (George Washington  
University)  
*Dissertation*: Non-Verbal Communication in Family  
Triads as a Function of the Sex of the Child  
*Field of Specialization*: Psychology

James Bruce Kehr, Cleveland  
B.S. B.A. (Bowling Green State University); M.A.  
*Dissertation*: A Partial Analysis of the Factors that  
Affect Member Bank Reserves  
*Field of Specialization*: Economics

Kenneth Jon Kellar, Baltimore, Md.  
B.A. (Johns Hopkins University)  
*Dissertation*: Studies of the Ventral Medial Hypothalamus  
*Field of Specialization*: Pharmacology

Merwyn Allen Klehm, Charleston, Ill.  
B.S.Ed., M.S.Ed. (Eastern Illinois University)  
*Dissertation*: The Status of the Certification Requirements  
for Trade and Industrial Teachers in the United States  
*Field of Specialization*: Education

Illane Rebecca Klein, Cleveland Heights  
A.B. (University of Michigan); M.A. (Case Western  
Reserve University)  
*Dissertation*: The Use of a Simulation Technique as an  
Integral Part of a School Psychology Training Program  
*Field of Specialization*: Education

Amy Jean Kuntz, Columbus  
A.B. (George Washington University); M.S.  
*Dissertation*: Size Two Generators and Groups of  
Transformations Without a Finite Invariant Measure  
*Field of Specialization*: Mathematics

Wayne Maurice Ladd, Columbus  
A.B. (Taylor University); M.A. (University of  
Minnesota)  
*Dissertation*: The Athletic Institute: A Study of an  
Organization and its Effect on and Reflection of the  
Development of Sport, Recreation and Physical Education  
in the United States  
*Field of Specialization*: Physical Education

Albert Edward Langley, Windber, Pa.  
B.S. (Waynesburg College)  
*Dissertation*: Muscarinic Regulation of the Stimulated  
Release of Norepinephrine and Dopamine-Beta-  
Hydroxylase from Sympathetic Nerves to the Heart  
*Field of Specialization*: Pharmacology

Robert Lee Lembright, Alliance  
A.B. (Miami University); M.A.  
*Dissertation*: Louise of Savoy and Marguerite  
D'Angoulême: Renaissance Patronage and Religious  
Reform  
*Field of Specialization*: History

John Patrick Lewis, Worthington  
B.A. (Saint Joseph's College, Indiana); A.M. (Indiana  
University)  
*Dissertation*: The Economics of Intercommunications in  
the USSR: The Postal Service and Telephone and  
Telegraph Systems  
*Field of Specialization*: Economics

Myran Elizabeth Lewis, Columbus  
B.A., M.A.  
*Dissertation*: Cleage: A Rhetorical Study of Black  
Religious Nationalism  
*Field of Specialization*: Communication

Manuel London, Canton, Mass.  
A.B. (Western Reserve University); M.A.  
*Dissertation*: The Effects of Participation and  
Information on Group Process and Outcome  
*Field of Specialization*: Psychology

Linda Ridge Lowry, Lebanon  
B.S.Ed., M.A.  
*Dissertation*: Humor in Instrumental Music: A Discussion  
of Musical Affect, Psychological Concepts of Humor and  
Identification of Musical Humor  
*Field of Specialization*: Music

Vernon Dale Luft, Culbertson, Mont.  
B.S., M.S. (Montana State University)  
*Dissertation*: The Development of Guidelines for  
Recruitment Programs in Agricultural Education  
*Field of Specialization*: Agricultural Education

Angela Lumpkin, Newport, Ark.  
B.S.E. (University of Arkansas); M.A.  
*Dissertation*: The Contributions of Women to the History  
of Competitive Tennis in the United States (1874-1974)  
*Field of Specialization*: Physical Education

Donald Joseph Mash, Columbus  
B.S.Ed. (Indiana University of Pennsylvania);  
M.A. (University of Pittsburgh)  
*Dissertation:* The Relationship of Women's Life-Style  
Preference and Personality During College  
*Field of Specialization:* Education

Frank F. Matthews, Westlake  
B.S. (California Institute of Technology); M.S.  
*Dissertation:* Measures of Creativity as These Relate to  
Placement in Honors Calculus  
*Field of Specialization:* Education

Marc-Antoine Mbaya, Lububashi, Zaire  
Licencia (University of the Congo); M.S.  
*Dissertation:* Dynamic Stability of a Cylindrical Shell in  
an Acoustic Medium  
*Field of Specialization:* Engineering Mechanics

Maxie Bennett McGhee, Lewisburg, W. Va.  
B.S.Agr., M.S. (West Virginia University)  
*Dissertation:* Attitudes of Superintendents, Principals,  
County Vocational Directors, and Guidance Counselors  
Regarding Vocational Agriculture in the Public Secondary  
Schools of West Virginia  
*Field of Specialization:* Agricultural Education

Joseph Edgar McVicker, Columbus  
B.E., M.S. (Youngstown State University)  
*Dissertation:* The Effect of Oxygen Pressure on the Free  
Vacuum Evaporation Rates of Zinc Oxide Single Crystal  
*Field of Specialization:* Metallurgical Engineering

Carl Allan Mentzer, Youngstown  
B.E.E., M.S.  
*Dissertation:* Analysis and Design of High Beam Efficiency  
Aperture Antennas  
*Field of Specialization:* Electrical Engineering

Gregory Allen Mihailoff, Mansfield  
B.S. (Ashland College); M.S.  
*Dissertation:* The Basilar Pontine Gray of the Opossum:  
A Correlated Light and Electron Microscopic Analysis  
*Field of Specialization:* Anatomy

John Richard Mohr, Indianapolis, Ind.  
B.S. (Indiana University); M.A.  
*Dissertation:* Development of a Master Plan for  
Postsecondary Education: The Indiana Experience  
1971-1973  
*Field of Specialization:* Education

Donald Lee Moon, Dayton  
B.S.E.E. (West Virginia Institute of Technology);  
M.S.E.E. (University of Toledo)  
*Dissertation:* Analog and Digital Resonant Sequence  
Filters for Walsh Functions  
*Field of Specialization:* Electrical Engineering

Lynn Shipman Morrow, Columbus  
B.S.Ed., M.A.  
*Dissertation:* Euripides' Treatment of Women: An  
Androgynous Answer  
*Field of Specialization:* Theatre

John Stephen Munzinger, Columbus  
A.B. (Gettysburg College); M.S.  
*Dissertation:* A Comparative Study on the Energetics of  
the Black-capped and Carolina Chickadees, *Parus  
atricapillus* and *Parus carolinensis*  
*Field of Specialization:* Zoology

Hebbur Narasimhamurthy Nagaraja, Tumkur, India  
B.E. (University of Mysore); M.E. (University of  
Roorkee)  
*Dissertation:* Application Studies of Scanning Electron  
Microscope Photographs for Micro-Measurements and  
Three Dimensional Mapping  
*Field of Specialization:* Geodetic Science

Charles M. Neal, Columbus  
B.S., M.S. (Indiana University of Pennsylvania)  
*Dissertation:* Energy Budget of the Eastern Chipmunk,  
*Tamias striatus*  
*Field of Specialization:* Zoology

Ronald L. Neeld, Kenner, La.  
B.A. (Louisiana State University); A.M. (University of  
Illinois)  
*Dissertation:* Global Constraints in Syntax  
*Field of Specialization:* Linguistics

Cecilia Cantrell Nelson, Columbus  
B.S. (University of Alabama); M.S.  
*Dissertation:* A Study of Life Satisfaction and Death  
Anxiety  
*Field of Specialization:* Sociology

Roichi Okabe, Nagoya, Japan  
A.B. (Nanzan University); A.M. (Indiana University)  
*Dissertation:* The Rhetoric of Distance Reduction in  
International and Intercultural Communication: A  
Methodology for Analysis and Its Application  
*Field of Specialization:* Communication

Kenneth Alfred Parker, Euclid  
B.S. (University of Massachusetts); M.A.  
*Dissertation:* Perceptions of Urban School Administrators,  
Teachers and Students Enrolled in Vocational Agriculture  
Concerning the Programs, Policies and Activities of the  
FFA Organization  
*Field of Specialization:* Agricultural Education

William Howard Paynter, Delaware  
B.S.Ed., M.A.  
*Dissertation:* A Philosophical Evaluation of Jerome S.  
Bruner's Psychology in Relation to the Theory and  
Practice of Social Studies Teaching  
*Field of Specialization:* Education

Michael Anthon Petersen, Ferron, Utah  
A.B. (University of California at Berkeley); M.A.  
*Dissertation:* Patterns and Determinants of Development  
Policy in Latin America, 1945-1968  
*Field of Specialization:* Political Science

Sister Lois Ann Pfister, St. Catharine, Ky.  
A.B. (Catherine Spalding College); M.S. (Murray State  
University)  
*Dissertation:* Effects of Nitrogen on Asexual and Sexual  
Reproduction of *Peridinium cinctum* F. *ovoplanum*  
Lindemann  
*Field of Specialization:* Botany

June Ann Kemmler Phillips, Pittsburgh, Pa.  
A.B. (University of Pittsburgh)  
*Dissertation*: A Study of the Applicability of Task Analysis Methodology and Learning Hierarchies to Second Language Reading  
*Field of Specialization*: Education

Janis Racevskis, New York, N. Y.  
B.S. (City College of New York)  
*Dissertation*: Cytoplasmic Control of Ribosome Biogenesis  
*Field of Specialization*: Physiological Chemistry

Paul Rappoport, Fairport, N. Y.  
A.B. (Oberlin College); M.A.  
*Dissertation*: Least Squares and its Alternatives in the Estimation of Dynamic Economic Models  
*Field of Specialization*: Economics

Larry Peter Rathbun, San Luis Obispo, Calif.  
B.S., M.A. (California State Polytechnic College)  
*Dissertation*: The Relationship Between Participation in Vocational Student Organizations and Student Success  
*Field of Specialization*: Agricultural Education

John Curtis Rees, Oxford  
B.S. (Bowling Green State University)  
*Dissertation*: An *In Vitro* and *In Vivo* Assessment of Cellular Immune Functions in Lung Cancer Patients  
*Field of Specialization*: Microbiology

Kay Reynolds, Meridian, Miss.  
B.M.Ed. (Louisiana State University and Agricultural and Mechanical College); M.A.  
*Dissertation*: Modification of the Observational System for Instructional Analysis Focusing on Appraisal Behaviors of Music Teachers in Small Performance Classes  
*Field of Specialization*: Music

Pamela Sue Kubach Robinson, Delaware  
B.S.Ed. (Ohio University); M.A. (Michigan State University)  
*Dissertation*: The Physiological Effects of Chronic Heavy Physical Training on Female Age-Group Swimmers  
*Field of Specialization*: Physical Education

Bruce Jay Rosenberg, Brooklyn, N. Y.  
B.S. (Brooklyn College)  
*Dissertation*: An *Ab Initio* Self-Consistent Field and Configuration Interaction Study of the Ground State of the Water Molecule  
*Field of Specialization*: Chemistry

†Carolyn Clifford Ross, Eaton  
B.A., M.A. (Miami University)  
*Dissertation*: Dryden's Concept of Originality  
*Field of Specialization*: English

William James Rost, Euclid  
B.S.Ed., M.A.  
*Dissertation*: The Identification of Elementary School Children's Musical Concepts as a Function of Two Types of Musical Literature and Environment  
*Field of Specialization*: Music

Vincent John Russo, Columbus  
B.S.Mech.E. (University of Rochester); M.S. Materials Engr. (Air Force Institute of Technology)  
*Dissertation*: An Elastic-Plastic Investigation of the Site of Crack Initiation in Aluminum Notched Bars Subjected to Three Point Bending  
*Field of Specialization*: Metallurgical Engineering

Maurice Kwamina Saah, Cape Coast, Ghana  
B.S. (University of Wisconsin); M.A. in Ed. (University of California)  
*Dissertation*: Review and Synthesis of Research on Agricultural Education in Developing Countries  
*Field of Specialization*: Agricultural Education

Sister Rita Marie Schmitz, St. Louis, Mo.  
B.A. (Pontbonne College); M.S. (Southern Illinois University)  
*Dissertation*: Cognitive Functioning of Four-Year-Old Children as Related to Sex, Residence, and Income  
*Field of Specialization*: Home Economics

Dharam Parkash Sharma, Simla Hills, India  
B.Sc., M.Sc. (Panjab Agricultural University)  
*Dissertation*: Effect of Pesticides on Photosynthesis of Apple (*Malus sylvestris* Mill.)  
*Field of Specialization*: Horticulture

Edwin Lawrence Shay, Manlius, N. Y.  
B.S. (University of Notre Dame)  
*Dissertation*: A Study of Relationships Among Selected Teacher Variables and Expressed Preference for Student-Centered, Non-Direct Science Education  
*Field of Specialization*: Education

Eva Hanski Shinar, Jerusalem, Israel  
B.A. (Hebrew University of Jerusalem); M.A.  
*Dissertation*: Interpersonal Perception as a Function of Occupation and Sex  
*Field of Specialization*: Psychology

William Ervin Slack, Glendale, W. Va.  
B.S. (West Liberty State College); M.S.  
*Dissertation*: Mechanistic Features in Rearrangement to Divalent Carbon  
*Field of Specialization*: Chemistry

Wilson Sextex Smith, Columbus  
B.A. (Clark College); M.A.T. (Oberlin College)  
*Dissertation*: Organizational Role, Leader Behavior and Aspects of Problem Perception in Educational Administration  
*Field of Specialization*: Education

Chung Min Song, Columbus  
B.S. (Utah State University); M.S.  
*Dissertation*: Isozyme Variations in *Arabidopsis thaliana*  
*Field of Specialization*: Genetics

Judith Mary Sostarich, Brookfield, Wis.  
B.S. (University of Wisconsin); M.A.  
*Dissertation*: A Study of the Reading Behavior of Sixth-Graders: Comparison of Active and Other Readers  
*Field of Specialization*: Education

† Degree granted in cooperation with Miami University

- Michael William Spicer, Columbus  
B.S.Bus.Adm., M.A.  
*Dissertation*: A Behavioral Model of Income Tax Evasion  
*Field of Specialization*: Public Administration
- Frederick Alan Starke, Winnipeg, Man., Canada  
B.A., M.B.A. (Southern Illinois University)  
*Dissertation*: A Test of Selected Postulates Underlying Expectancy Theory  
*Field of Specialization*: Business Administration
- Gordon Stephen Stein, New Rochelle, N. Y.  
A.B. (University of Rochester); M.Sc. (Adelphi University)  
*Dissertation*: Control of Ovarian Maturation in the Japanese Quail (*Coturnix coturnix japonica*)  
*Field of Specialization*: Poultry Science
- John Noel Stitzlein, Loudonville  
B.S.Agr., M.S.  
*Dissertation*: The Economics of Agricultural Mechanization in Southern Brazil  
*Field of Specialization*: Agricultural Economics and Rural Sociology
- Larry Allen Stockum, Coshocton  
B.E.E., M.S.  
*Dissertation*: A Study of Guidance Controllers for Homing Missiles  
*Field of Specialization*: Electrical Engineering
- Daniel Evan Strayer, Fairborn  
B.A. (Ohio Wesleyan University); M.B.A.  
*Dissertation*: Managing Change in a Complex Organization: An Empirical Study  
*Field of Specialization*: Business Administration
- John Raymond Street, Monessen, Pa.  
B.S. (California State College of Pennsylvania); M.S.  
*Dissertation*: The Influence of Silica Concentration on the Chemical Composition and Decomposition of Turfgrass Tissue and Water Absorption Rates Among Three Turfgrass Species  
*Field of Specialization*: Agronomy
- John Wilbert Suomela, Columbus  
B.A. (University of Minnesota); M.A.  
*Dissertation*: Optimal Tariffs and Optimal Economic Integration  
*Field of Specialization*: Economics
- Arrel Dwayne Toews, Kremlin, Okla.  
B.A. (Tabor College)  
*Dissertation*: Spinal Cord Myelin: Insolation, Purification, Composition, and Effects of Trauma  
*Field of Specialization*: Physiological Chemistry
- Elton Roger Trent, Manchester  
B.A., B.S.Ed., M.A.  
*Dissertation*: An Analysis of Sex Differences in Psychological Differentiation  
*Field of Specialization*: Psychology
- Masaru James Tsujita, Olds, Alta., Canada  
B.S. (Utah State University); M.S. (University of Alberta, Canada)  
*Dissertation*: The Effects of Light, Temperature, Nitrogen Nutrition, and Media on the Growth, Flowering, Quality, and Chemical Composition of *Chrysanthemum morifolium* cv. Indianapolis Yellow  
*Field of Specialization*: Horticulture
- William Eugene Unger, Jr., Mt. Morris, Ill.  
B.A., M.A.  
*Dissertation*: Implied Authors and Created Readers in Thackeray, Trollope, Charlotte Brontë, and George Elliot  
*Field of Specialization*: English
- Harvey Edgar Vance, Columbus  
B.A. (Otterbein College)  
*Dissertation*: An Exploratory Study in Values Clarification and its Relationship to a More Unified Valuing Process  
*Field of Specialization*: Education
- Rebecca Morrison Van Voorhis, Louisville  
B.A. (Baldwin-Wallace College); M.S.W.  
*Dissertation*: Unwanted Fertility: Its Effect on Poverty  
*Field of Specialization*: Social Work
- William Paul Varga, Columbus  
B.A. (Otterbein College); M.A.  
*Dissertation*: Julius Streicher: A Political Biography, 1885-1933  
*Field of Specialization*: History
- John Calvin Wagner, Columbus  
A.B. (Haverford College); B.D. (Yale University Divinity School); M.S.T. (Drew University)  
*Dissertation*: Relationships Between Personal Needs and Performance Ratings of Educational Project Managers  
*Field of Specialization*: Education
- Marjorie Wilson Wall, Guelph, Ont., Canada  
B.H.Sc., M.Sc. (University of Guelph)  
*Dissertation*: Consumer Satisfaction with Clothing Wear and Care Performance and Consumer Communication of Clothing Performance Complaints  
*Field of Specialization*: Home Economics
- Nan N. Wang, Taipei, Taiwan  
B.S.E. (Taiwan Cheng Kung University); M.S. (University of Mississippi)  
*Dissertation*: Reaction Formulation for Radiation and Scattering From Plates, Corner Reflectors and Dielectric-Coated Cylinders  
*Field of Specialization*: Electrical Engineering
- Mary-Jane Evans Warner, Toronto, Ont., Canada  
B.A. (University of Toronto); M.A.  
*Dissertation*: Gavottes and Bouquets: A Comparative Study of Changes in Dance Style Between 1700 and 1850  
*Field of Specialization*: Theatre
- Ralph Edward Weber, Lakewood  
B.A., M.A.  
*Dissertation*: Word Accent in Serbocroatian, Including Comparisons with Russian  
*Field of Specialization*: Slavic Languages and Literatures
- Albert James Wehrle, Bay Village  
B.A. (College of Wooster); M.A.  
*Dissertation*: Tensions in the Poetry of F. I. Tjutčev  
*Field of Specialization*: Slavic Languages and Literatures

Steven Edward Weisbrode, Philadelphia, Pa.  
V.M.D. (University of Pennsylvania) ; M.S.  
*Dissertation*: Ultrastructural and Enzymatic Studies on  
the Interaction of Vitamin D, Parathyroid Hormone and  
Uremia on Bone  
*Field of Specialization*: Veterinary Pathology

James Lee Wilder, Galion  
B.S.Ed., M.A.  
*Dissertation*: The Relationship of Experience and  
Behavior: Towards a Theory of Psychophysiological  
Foundations of Social Education  
*Field of Specialization*: Education

Danley Bryan Wolfe, Columbus  
B.Ch.E., M.S.  
*Dissertation*: Transient High Speed Adsorption and  
Reaction Studies of Benzene Hydrogenation on Nickel  
Catalyst  
*Field of Specialization*: Chemical Engineering

Joseph Yoshiyuki Yasutake, Dayton  
B.S. (University of Illinois) ; A.M. (New York  
University)  
*Dissertation*: Short and Long Term Retention of Written  
Materials as a Function of the Pacing and Mode of  
Adjunct Questions  
*Field of Specialization*: Psychology

John Calvin Yeager, Mansfield  
B.A. (Miami University)  
*Dissertation*: Effects of Hypercapnia on the Coronary  
Vascular Resistance of the Dog  
*Field of Specialization*: Physiology

David William Zisenwine, Columbus  
B.A.; M.A. (Columbia University)  
*Dissertation*: A Reconceptualization of Foundations for  
Curriculum Development in Jewish Education  
*Field of Specialization*: Education

### Master of Accounting

Three candidates

Alex Milli, Columbus  
B.S.Bus.Adm., M.B.A.  
*Field of Specialization:* Accounting

James Earl Moore, Dayton  
B.A. (University of North Carolina)  
*Field of Specialization:* Accounting

Paul Daniel Wibbeler, II, Columbus  
B.S. (Purdue University)  
*Field of Specialization:* Accounting

### Master of Architecture

Three candidates

Julsing James Lamsam,  
Bangkok, Thailand  
B.Arch.  
*Field of Specialization:* Architecture

Joseph Arthur Rainwater,  
Silver Spring, Md.  
B.Envir.Des. in Arch. (North  
Carolina State University at Raleigh)  
*Field of Specialization:* Architecture

Farid Amin Shaker,  
Riyadh, Saudi Arabia  
B.Arch. (University of Oregon)  
*Field of Specialization:* Architecture

### Master of Arts

Two hundred and seventy-nine candidates

Daniel Joseph Abrahamowicz,  
Amherst  
B.A. (Cleveland State University)  
*Field of Specialization:* Education

Phyllis Ann Ackerman, Peoria, Ill.  
B.A. (Arizona State University)  
*Field of Specialization:* Education

Mark James Amrhein, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Dana DeWitt Anderson,  
St. Simons Island, Ga.  
B.A. (Antioch College)  
*Field of Specialization:* Psychology

Vivian Anderson,  
East Massapequa, N. Y.  
B.S. (Saint Augustine's College)  
*Field of Specialization:* Physical  
Education

Jo Lynn Andrews, Columbus  
B.A. (Ohio Wesleyan University)  
*Field of Specialization:*  
Communication

Robert Samuel Andrews, Westerville  
B.S.Ed. (Miami University)  
*Field of Specialization:* Education

Rosetta Amelia Armour, Columbus  
A.B. (Talladega College);  
M.Ed. (Springfield College)  
*Field of Specialization:* Education

Barbara Laura Artino, Lyndhurst  
B.S.Ed. (Miami University)  
*Field of Specialization:* Music

Susan Marie Aurand, Worthington  
B.A. (Kalamazoo College)  
*Field of Specialization:* Art

Joan Van Almen Balske,  
Bowling Green  
B.S. (Bowling Green State  
University)  
*Field of Specialization:* Education

Sara Jane Bancroft, Columbus  
B.S. (Kent State University)  
*Field of Specialization:* Education

Robert Douglas Banister,  
Worthington  
A.B. (Grinnell College)  
*Field of Specialization:* Education

Francisco M. Bataller,  
Valencia, Spain  
Licenciado en Der. (University of  
Duesto, Spain)  
*Field of Specialization:* Economics

Richard A. Baumer, Jr., Columbus  
B.S.Bus.Adm.  
*Field of Specialization:* Business  
Administration

Mary Vallen Beall, Columbus  
B. of Mus. (Ohio Wesleyan  
University)  
*Field of Specialization:* Music

Deborah Jean Bennett, Dayton  
B.Art Ed.  
*Field of Specialization:* Art  
Education

Elaine Kay Biagi, Schnectady, N. Y.  
B.F.A.  
*Field of Specialization:* Dance

James Arthur Birckbichler,  
Westerville  
B.A.  
*Field of Specialization:* Public  
Administration

Marion Louise Bischof, Parma  
B.S. (Kent State University)  
*Field of Specialization:* Education

Michael Lee Blackman, Cincinnati  
B.A. (Baylor University)  
*Field of Specialization:* Journalism

Nadine Ludwig Block, Worthington  
B.S. (University of Wisconsin)  
*Field of Specialization:* Education

Robyn Sue Bohme,  
Rose Bay, Australia  
Diploma (Alexander Mackie College)  
*Field of Specialization:* Music

Cheryl Cook Boley, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Byron Keith Bonar, Hamilton  
A.B. (Morehead State University)  
*Field of Specialization:* Economics

LeRoy Russell Bonneau, Jr.,  
Pittsburgh, Pa.  
A.B. (Greensboro College)  
*Field of Specialization:* Public  
Administration

Frank R. Bosse, Buffalo, N. Y.  
B.A. (State University of New York  
at Buffalo)  
*Field of Specialization:* Public  
Administration

Linda Ann Bott, Hudson  
A.B. (Ohio University)  
*Field of Specialization:* Psychology

Ellen Gorman Bowden, Columbus  
B.S.Ed. (West Virginia University)  
*Field of Specialization:* Education

Kim Sturgeon Boyd, Westerville  
B.S. (Indiana State University)  
*Field of Specialization:* Music

John Michael Brandt, Columbus  
B.S.Bus.Adm.  
*Field of Specialization:* Business  
Administration

David Allen Breckenridge, Columbus  
B.Mus. (University of Cincinnati)  
*Field of Specialization:* Music

Susan Krody Bremer, Reynoldsburg  
B.S.H.E.  
*Field of Specialization:* Education

Eric Saul Brown, Dayton  
B.G.S. (Ohio University)  
*Field of Specialization:* Public  
Administration

Pamela Adele Brown,  
South River, N. J.  
B.A. (Rider College)  
*Field of Specialization:* Journalism

David Allen Brunson, Euclid  
A.B. (East Carolina University)  
*Field of Specialization: Economics*

Barbara Brumbaugh Buehler,  
Columbus  
B.A. (Kent State University)  
*Field of Specialization: Education*

Sally Kerr Byrd, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Susan Edwina Callender, Xenia  
B.S.Ed.  
*Field of Specialization: Education*

Alan John Campbell, Stratford, Conn.  
A.B. (Assumption College)  
*Field of Specialization: Geography*

Elizabeth Wolfe Carpenter, Columbus  
B.A. (Capital University)  
*Field of Specialization: Education*

Charlene Ann Castellano,  
Franklin Square, N. Y.  
B.S.Lang. (Georgetown University)  
*Field of Specialization: Slavic  
Languages and Literatures*

Susan Ann Cavanaugh, Columbus  
B.S.H.E.  
*Field of Specialization: Education*

Sue Osborne Chandler, Columbus  
B.S.Ed. (Central State University)  
*Field of Specialization: Education*

Steven Wayne Chapin, Cincinnati  
B.S. in Bus.Adm. (Bowling Green  
State University)  
*Field of Specialization: Public  
Administration*

Robert Edward Christy, Bremen  
B.A.  
*Field of Specialization: Education*

Roderick Earl Clay, Worthington  
A.B. (Cornell University)  
*Field of Specialization: English*

Connie Powell Cline, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Julianne R. Cochran, Fredericktown  
B.S.Ed.  
*Field of Specialization: Communication*

Jane Hill Coddington, Columbus  
B.S. (Dickinson College)  
*Field of Specialization: Communication*

Margaret Bozarth Cohen,  
Grove City  
B.S. (Ohio Northern University)  
*Field of Specialization: Education*

Kathryn Sharretts Corl,  
Johnstown, Pa.  
B.A. (Slippery Rock State College)  
*Field of Specialization: German*

George Bernard Cotkin, Bronx, N. Y.  
B.A. (Brooklyn College)  
*Field of Specialization: History*

Lawrence Earl Cunningham,  
Columbus  
B.S.  
*Field of Specialization: Psychology*

Linda E. Cunningham, Columbus  
B.Art Ed.  
*Field of Specialization: Education*

Rose Mary Cusick, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Jane Kempner Daniels, Mt. Vernon  
B.S.Ed.  
*Field of Specialization: Education*

Nick Anthony D'Anniballe,  
Steubenville  
B.S. (University of Dayton)  
*Field of Specialization: Economics*

Ray Junior Davis, Bridgeport, Conn.  
B.S. (University of Maryland)  
*Field of Specialization: Education*

Diane Garcelon DeMuth,  
Worthington  
B.S.Ed.  
*Field of Specialization: Education*

James Chapley Denman, Jr.,  
Fairborn  
B.B.A., LL.B. (University of  
Georgia)  
*Field of Specialization: Public  
Administration*

Madeleine Malay Dickerson,  
Columbus  
B.A. (Capital University)  
*Field of Specialization: Education*

Marilyn Kaye Dietrich, Carmel, Ind.  
B.A. (Michigan State University)  
*Field of Specialization: Education*

Kristin Lisa Draudt, Hamburg, N. Y.  
B.A. (State University of New York  
College at Potsdam)  
*Field of Specialization: Dance*

Donald James Eckert, Akron  
B.S. (Michigan State University)  
*Field of Specialization: Psychology*

Myra Jane Elmore, Poquoson, Va.  
B.Mus.Ed. (Madison College)  
*Field of Specialization: Music*

Joanne Jocha Ervin, Mansfield  
B.S.Ed.  
*Field of Specialization: Communication*

Deborah Rock Evans, Columbus  
B.S. (Defiance College)  
*Field of Specialization: Political  
Science*

Linda Czetli Evans, Columbus  
B.A. (Hiram College)  
*Field of Specialization: Education*

Martha Reeves Fazio, Atlanta, Ga.  
B.A. (Tulane University of  
Louisiana)  
*Field of Specialization: Classics*

Lawrence Payne Fields, Columbus  
B.S. in Ed. (Otterbein College)  
*Field of Specialization: Education*

Kathleen Margaret Finerty, Columbus  
B.S.Ed.  
*Field of Specialization: Physical  
Education*

Philip Lee Fishman,  
Marblehead, Mass.  
B.S.Ed.  
*Field of Specialization: Journalism*

Grace Morris Flanders, Columbus  
B.A. (New Jersey State Teachers  
College)  
*Field of Specialization: Education*

Susan Marie Fortener, Miamisburg  
B.S.Ed.  
*Field of Specialization: Education*

Lynn Andreasen Freeman, Columbus  
B.S. (Ogелthorpe College)  
*Field of Specialization: Education*

Maria das Gracias Furtado,  
Espirito Santo, Brazil  
Licentiate (Universidade Federale de  
Espirito Santo, Brazil)  
*Field of Specialization: Education*

Sheila Graves Geoghegan,  
Bridgeport, Conn.  
B.A. (University of Bridgeport)  
*Field of Specialization: Linguistics*

James Clinton Geyer, Mt. Perry  
B.S.Ed.  
*Field of Specialization: Education*

James Edgar Gibson, Columbus  
B.S.Ed.  
*Field of Specialization: Health  
Education (Physical Education)*

- Zenovy Golembiowsky, Cleveland  
B.S.Ed. (Cleveland State University)  
*Field of Specialization:* Physical Education
- Phoebe Lynne Golke, Fairview Park  
B.S.Ed.  
*Field of Specialization:* Education
- Fernando Jimenez Gomez,  
Sevilla, Spain  
Licenciado (Universidad de Valencia)  
*Field of Specialization:* Romance Languages and Literatures
- Ronald Porter Good, Marietta  
B.S.  
*Field of Specialization:* Public Administration
- Juanita Hollis Gordon, Cincinnati  
B.S.Ed. (Ohio University)  
*Field of Specialization:* Education
- Sandra Gabric Gould, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- Cynthia Bette Goulfline,  
Poughkeepsie, N. Y.  
B.S. (University of Bridgeport)  
*Field of Specialization:* Education
- Elaine Carter Greten, Coshocton  
B.A. (Muskingum College)  
*Field of Specialization:* Journalism
- Patricia Recinella Griffin, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- Howard Gross, Yonkers, N. Y.  
A.B. (Herbert H. Lehman College)  
*Field of Specialization:* Communication
- Kenneth Edward Grugel, Cleveland  
B.Ed. (University of Toledo)  
*Field of Specialization:* Education
- Carol Hoag Gundlach, Columbus  
B.A. (Marygrove College)  
*Field of Specialization:* Education
- Jon Aubrey Hageseth,  
Wichita Falls, Tex.  
B.A. (Augsburg College)  
*Field of Specialization:* Psychology
- Michael Keith Hainline,  
Claremont, Calif.  
B.A. (University of California)  
*Field of Specialization:* Political Science
- Barbara Alice Hall, East Liverpool  
B.S.Ed.  
*Field of Specialization:* Education
- Kirkland Jon Hall,  
Princess Anne, Md.  
B.S. (University of Maryland)  
*Field of Specialization:* Physical Education
- Richard Cooper Hall, Maumee  
B.A. (Vanderbilt University)  
*Field of Specialization:* History
- Nancy Ann Hanle, Crystal, Minn.  
B.A. (Hamline University)  
*Field of Specialization:* Psychology
- Heidi Hildegard Hansen,  
Cleveland Heights  
B.S.Ed.  
*Field of Specialization:* Physical Education
- Sandra Werth Harbrecht, Columbus  
B.S.Ed. (Kent State University)  
*Field of Specialization:* Education
- John Albert Harder, Columbus  
B.A. (Goshen College)  
*Field of Specialization:* English
- Edwin B. Harris, Liverpool, N. Y.  
B.A. (Le Moyne College)  
*Field of Specialization:* Education
- Kevin John Hartigan, Buffalo, N. Y.  
B.A. (Le Moyne College)  
*Field of Specialization:* Psychology
- Marianna Crips Hartmann, Mansfield  
B.S.Ed.  
*Field of Specialization:* Communication
- William David Haueisen, Columbus  
B.A. (Capital University); M.Div.  
(Evangelical Theological Seminary)  
*Field of Specialization:* Communication
- Alberta Joann Heckel, Painesville  
B.A. (Baldwin-Wallace College)  
*Field of Specialization:* Romance Languages and Literatures
- Stephen Alan Heft, Columbus  
B.A. (Capital University)  
*Field of Specialization:* Education
- Steven Lawrence Heiser, Beachwood  
B.A. (Swarthmore College)  
*Field of Specialization:* Public Administration
- James Ross Henderson, Columbus  
B.S.Ed. (Central State College)  
*Field of Specialization:* Education
- Barbara Henley, Chicago, Ill.  
A.B. (University of Illinois)  
*Field of Specialization:* Education
- Robert Kevin Herbert,  
Beechhurst, N. Y.  
B.A. (Queens College)  
*Field of Specialization:* Linguistics
- Stephen Ralph Herendeen,  
New Lexington  
B.A. (University of North Carolina)  
*Field of Specialization:* Journalism
- Sabine S. Himmelfarb, Chicago, Ill.  
B.A. (University of Chicago)  
*Field of Specialization:* Psychology
- Beth Zarle Hohenberger, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- Mary Jane Holcomb, Eugene, Ore.  
B.F.A.  
*Field of Specialization:* Dance
- Marcia Richter Horvath, Columbus  
A.B. (College of Mount Saint Joseph on the Ohio)  
*Field of Specialization:* Education
- Wen-Chyuan Hsieh, Taipei, Taiwan  
B.Ed. (National Taiwan Normal University)  
*Field of Specialization:* Education
- James Lee Humphrey, Columbus  
B.S.Ed.  
*Field of Specialization:* Physical Education
- Nancy Hamilton Hurd, Columbus  
A.B. (Hillsdale College)  
*Field of Specialization:* Education
- Steven Carl Husemann, Cincinnati  
B.S.Bus.Adm.  
*Field of Specialization:* Public Administration
- Michael Benoy Jackson, Dallas, Tex.  
B.S.Ed. (Langston University)  
*Field of Specialization:* Psychology
- George William Jacoby,  
Pittsburgh, Pa.  
B.A. (University of Pittsburgh)  
*Field of Specialization:* Public Administration
- Doris Whetstone James, Springfield  
B.A. (Knoxville College)  
*Field of Specialization:* Education
- Thomas Edison James, Jr.,  
Tampa, Fla.  
B.A. (University of South Florida)  
*Field of Specialization:* Political Science
- Sue Ann Jemison, Reynoldsburg  
B.S.Ed.  
*Field of Specialization:* Education



Daniel Jerman, Columbus  
B.A.  
*Field of Specialization:* Education

Edwina Lynnette Johnson, Columbus  
B.Edu. (University of Toledo)  
*Field of Specialization:* Education

Jeannette Selby Johnson, Warren  
B.S.H.E.  
*Field of Specialization:* Education

Virginia Johnson, Lancaster  
B.S.Ed. (Ohio University)  
*Field of Specialization:* Education

Carol Lee Jones, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Juan Mario Jorrat,  
Tucuman, Argentina  
Con.Pub.Nac. (National University  
of Tucuman)  
*Field of Specialization:* Economics

Nancy Jean Kadunc, Euclid  
B.S.Ed.  
*Field of Specialization:* Education

Rosita Kapetanović, Powell  
B.A.  
*Field of Specialization:* Linguistics

Paul Raymond Kauffman, Ashland  
B.A. (Ashland College)  
*Field of Specialization:* Education

Sarah Sidebottom Kearns, Columbus  
B.A.  
*Field of Specialization:*  
Communication

Dennis Allan Kelly, Akron  
A.B. (Princeton University)  
*Field of Specialization:* Psychology

Douglas Flemming Kennard, Lima  
B.S. (Ball State University)  
*Field of Specialization:* Education

Mary Marjorie King, Tucson, Ariz.  
B.A. (University of Arizona)  
*Field of Specialization:* History

Yvonne Frances King, Parma  
B.S. (Saint John College of  
Cleveland)  
*Field of Specialization:* Education

James Edward Knapp, Columbus  
B.A. (College of Saint Charles  
Borromeo)  
*Field of Specialization:* Education

Robert Andrew Kohan,  
Newton Square, Pa.  
A.B. (Eastern Baptist College)  
*Field of Specialization:* History

Irene Schaefer Konkell, Shadyside  
A.B. (West Liberty State College)  
*Field of Specialization:* Education

Joan Gracia Kotker, Worthington  
B.A.  
*Field of Specialization:* English

Gary Allen Kreuchauf,  
Saginaw, Mich.  
A.B. (University of Michigan)  
*Field of Specialization:* Psychology

Paul Geoffrey Kreuzer,  
Bayside, N. Y.  
B.A. (University of Rochester)  
*Field of Specialization:* English

Barbara Knoch Laird, Westerville  
B.S.Ed.  
*Field of Specialization:* Education

Barbara Waters Lamka,  
St. Clairsville  
B.S.Ed.  
*Field of Specialization:* Physical  
Education

Janice Susan Lave, Parma  
B.S.Ed.  
*Field of Specialization:* Education

Katherine Drobot Lawrence, Columbus  
B.A.  
*Field of Specialization:* Romance  
Languages and Literatures

Linda Kay Lease, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Gregory William Lehman,  
Milwaukee, Wis.  
B.S. (University of Wisconsin)  
*Field of Specialization:* Physical  
Education

Joyce Ann Lemke, Canton  
B.A. (Malone College)  
*Field of Specialization:* Education

Naomi Susan Leventhal,  
Oceanside, N. Y.  
B.A. (State University of New York  
at Albany)  
*Field of Specialization:* English

Ruth Hoge List, Columbus  
B.S.Nurs.  
*Field of Specialization:* Education

Larry Ray Long, Woodsfield  
B.A. (Abilene Christian College)  
*Field of Specialization:* English

Christine Haughwout Luckey,  
Columbus  
B.S.Ed. (Ohio University)  
*Field of Specialization:* Education

Thomas Dee Luten, Youngstown  
B.S.  
*Field of Specialization:* Education

Deborah Deen Madden, Fairview Park  
B.F.A.  
*Field of Specialization:* Art

Betty Hall McCummings, Columbus  
B.S. (North Carolina Central  
University)  
*Field of Specialization:* Public  
Administration

Virgil Otis McGlamery, Jr.,  
Reynoldsburg  
B.S. (Central State College)  
*Field of Specialization:* Education

James Carlos McGuire, Marion  
B.S.Ed.  
*Field of Specialization:* Education

David John McIntyre, Westerville  
B.A. (Otterbein College)  
*Field of Specialization:* Education

Richard Allen McNeely, Dayton  
B.A.  
*Field of Specialization:* Education

Robert William McPeck,  
Waukegan, Ill.  
B.S. (Loyola University)  
*Field of Specialization:* Psychology

Jack Gardner Mehl, Columbus  
B.A. (Otterbein College)  
*Field of Specialization:* Physical  
Education

Thomas Alfred Meister, Columbus  
B.A. (Hiram College)  
*Field of Specialization:* Public  
Administration

Robert Joseph Mersy, Columbus  
B.S.Ed.  
*Field of Specialization:* Physical  
Education

Frank Stephen Meszaros, Columbus  
B.A.  
*Field of Specialization:* History

John Fred Meyer, Columbus  
B.A., B.S.Ed.  
*Field of Specialization:* Journalism

Ada Castillo Mezzich, Lima, Peru  
Psicologo Profes. (Pontificia  
Universidad Catolica del Peru)  
*Field of Specialization:* Psychology

Elizabeth Barnard Miller, Columbus  
B.A.Ed. (Fairmont State College)  
*Field of Specialization:* Education

Norman Gene Miller, Cincinnati  
B.S.Bus.Adm.  
*Field of Specialization:* Business  
Administration

Rudolph Mitchell, Hahira, Ga.  
B.S. (Kentucky State College)  
*Field of Specialization: Music*

Sharon Ann Mitchell, Deerfield, Fla.  
B.A. (Bennett College)  
*Field of Specialization: Education*

Thamrongsak Moenjak,  
Dhomburi, Thailand  
B.Ed. (College of Education)  
*Field of Specialization: Education*

Doris Gildea Morgan, Columbus  
B.S. in Edu. (University of Dayton)  
*Field of Specialization: Journalism*

Samuel Andrew Moseley,  
Greensboro, N. C.  
B.S. (Agricultural and Technical  
College of North Carolina)  
*Field of Specialization: Political  
Science*

Kathleen Walker Murph, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Richard Henry Nelson,  
American Fork, Utah  
B.A. (Brigham Young University)  
*Field of Specialization: Political  
Science*

Stephen Edward Newhouse, Columbus  
B.A.  
*Field of Specialization: Journalism*

Katherine Germaine Newton,  
Reynoldsburg  
B.A. (Cedarville College)  
*Field of Specialization: Education*

Floretta Wilson Nickerson, Columbus  
B.S. in H.Ec. (Delaware State  
College)  
*Field of Specialization: Education*

Grace Gaeta Nunn, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Christine Mason O'Connell, Columbus  
B.S. (University of Oregon)  
*Field of Specialization: Education*

David Henry Ohle, Steubenville  
B.S. (United States Military  
Academy)  
*Field of Specialization: Psychology*

Michael Albert Olivas, Columbus  
B.A. (Pontifical College Josephinum)  
*Field of Specialization: English*

David Michael Orenstein,  
Philadelphia, Pa.  
A.B. (Temple University)  
*Field of Specialization: Sociology*

Maureen Ann O'Toole, Clinton, Mass.  
B.A. (University of Massachusetts)  
*Field of Specialization: Slavic  
Languages and Literatures*

Elizabeth Jeanne Pavlish,  
Independence  
B.S.Ed.  
*Field of Specialization: Education*

Edna Isom Payne, Columbus  
B.S.Ed. (Ball State University)  
*Field of Specialization: Education*

Scott Dennis Peterman,  
Highland Falls, N. Y.  
B.A. (Bloomsburg State College)  
*Field of Specialization: Political  
Science*

Allen Lloyd Peterson, Fairfax, Okla.  
B.S. (Oklahoma State University)  
*Field of Specialization: Education*

Alida Raabe Pletcher, Delphos  
B.M.E. (Capital University)  
*Field of Specialization: Music*

Benoit Joseph Poisson, Jr.,  
West Hartford, Conn.  
B.A. (Fairfield University) ; M.C.P.  
*Field of Specialization: Public  
Administration*

Carolyn Miriam Price, Akron  
B.S. in Ed. (Youngstown State  
University)  
*Field of Specialization: Education*

Larry Charles Prueter, Lima  
B.S.Ed.  
*Field of Specialization: Education*

Susan Courtney Quinn, Columbus  
B.S.Edu. (Ohio Northern University)  
*Field of Specialization: Education*

Michael Peter Ream, Novelty  
B.A.  
*Field of Specialization: Education*

Charles Edwin Regele,  
Wheeling, W. Va.  
B.A. (Wheeling College) ; M.C.P.  
*Field of Specialization: Public  
Administration*

Beverly Seabolt Riccio, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Kent Smith Richardson, Columbus  
B.S. (Indiana State University)  
*Field of Specialization: Education*

David Lee Ronis, University Heights  
B.A. (University of Rochester)  
*Field of Specialization: Psychology*

Sheila Rakusin Ronis, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Jan Carl Roshong, Canton  
B.S.Ed.  
*Field of Specialization: Music*

Colman Ray Rupp, Stryker  
B.A. (State University of New York  
College at Potsdam)  
*Field of Specialization: Dance*

Margaret VanEpp Salazar, Medina  
B.A. (Baldwin-Wallace College)  
*Field of Specialization: Romance  
Languages and Literatures*

Dennis Paul Salerno, Niles  
B.A.  
*Field of Specialization: Romance  
Languages and Literatures*

Joanne Ruby Sarver, Columbus  
B.A. (California State University) ;  
B.S.Ed.  
*Field of Specialization: Education*

Mark Schachter, Brooklyn, N. Y.  
B.S. (Brooklyn College)  
*Field of Specialization: Psychology*

Sarah Pendley Scharnberg, Columbus  
B.A. (Wesleyan University)  
*Field of Specialization: Classics*

James Howard Scheiner,  
Chesterfield, Mo.  
B.S.Bus.Adm., M.B.A. (Washington  
University)  
*Field of Specialization: Accounting*

Joseph Anthony Schreick, II,  
Columbus  
B.Art Ed.  
*Field of Specialization: Art Education*

Karen Hosey Schumaker, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Michal Schwartz, Natania, Israel  
B.Heb. Lit. (College of Jewish  
Studies)  
*Field off Specialization: Art*

George Eugene Scott, Baltimore, Md.  
B.S. (Morgan State College)  
*Field of Specialization: Education*

James Edward Scowden, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Susan Moore Segelken, Ashland  
B.A. (Ohio Wesleyan University)  
*Field of Specialization:* Journalism

David Howard Sellers, Granville  
B.F.A. (Ohio University)  
*Field of Specialization:* Music

Raymond Sells, Columbus  
B.A. (Arizona State University)  
*Field of Specialization:* Education

Vicki Carr Share, Columbus  
B.A. (Ohio Northern University)  
*Field of Specialization:* Education

Marlene Schrage Shaul, Akron  
B.A. (University of Wisconsin);  
M.A. (University of Akron)  
*Field of Specialization:* Economics

Erie Roger Shively, Minerva  
B.A. (Mount Union College)  
*Field of Specialization:* English

Mary McDonald Shull, Columbus  
B.S. (Cornell College)  
*Field of Specialization:* Education

Winifred Wallens Siegel, Columbus  
B.S. (Cornell University)  
*Field of Specialization:* Education

Sharon Sue Siegfried, Columbus  
B.F.A.  
*Field of Specialization:* Education

Kathleen Mary Simmons, Utica, N. Y.  
B.A. (State University of New York  
College at Brockport)  
*Field of Specialization:* Dance

Paul Robert Simmons, Delaware  
B.A. (Ohio Wesleyan University)  
*Field of Specialization:* Education

Alvin Lewis Simpson, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Prinnice Wayne Simpson,  
Smithers, W. Va.  
B.A. (West Virginia State College)  
*Field of Specialization:* Sociology

Keith Douglas Home Smith,  
New York, N. Y.  
B.A. (Kalamazoo College)  
*Field of Specialization:* Theatre

Patricia Hawk Smith, Worthington  
B.S.Ed.  
*Field of Specialization:* Education

Ronald Louis Smith, Kent  
B.A. (Allegheny College)  
*Field of Specialization:* Public  
Administration

Donald Nial Snider, Canal Winchester  
B.S.Ed. (Otterbein College)  
*Field of Specialization:* Education

Robert T. Soppelsa, New York, N. Y.  
B.A.; M.A. (New York University)  
*Field of Specialization:* History of  
Art

Dennis Jay Souder, Gahanna  
B.S. (Muskingum College)  
*Field of Specialization:* Education

Sherrie Masto Sparks, Columbus  
B.A. (Washington State University)  
*Field of Specialization:* Education

Aron N. Spector,  
Toronto, Ont., Canada  
B.A. (University of Toronto)  
*Field of Specialization:* Geography

Roberta Helmer Stalberg, Fairborn  
B.A. (University of Pennsylvania)  
*Field of Specialization:* East Asian  
Languages and Literatures

Eula Dutton Standridge, Columbus  
B.A. (Baylor University)  
*Field of Specialization:* Education

Richard Lee Starn, Akron  
B.S.A. (University of Akron)  
*Field of Specialization:* Education

Carolyn M. Stephenson, Columbus  
A.B. (Mount Holyoke College)  
*Field of Specialization:* Political  
Science

Sherry Lee Stradley, Columbus  
B.S. (Muskingum College)  
*Field of Specialization:* Education

Maureen Chesnes Sturtz, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Mary Rabe Talbert, Columbus  
A.B. (College of Mount Saint Joseph  
on-the-Ohio)  
*Field of Specialization:* Education

Jeanette Zibutis Taylor, Columbus  
B.S. (Boston University)  
*Field of Specialization:* Education

Benjamin Ebo Tei,  
Winneba, Ghana  
B.A. (University of Ghana)  
*Field of Specialization:* Psychology

Barbara Fields Thompson, Columbus  
B.S. (Bluefield State College)  
*Field of Specialization:* Education

Kathleen Jane Tierney, Youngstown  
A.B. (Youngstown University)  
*Field of Specialization:* Sociology

Ellen Rider Tomlinson, Columbus  
B.A.  
*Field of Specialization:* Romance  
Languages and Literatures

Ulpian Cuthbert Toney,  
Brooklyn, N. Y.  
B.A. (Hiram College)  
*Field of Specialization:* Journalism

Steven Edward Traylor, Westerville  
B.A. (Otterbein College)  
*Field of Specialization:* Physical  
Education

Iva Smithers Turner, Gahanna  
B.S.Ed.  
*Field of Specialization:* Education

Jaime Enrique Turner,  
Panama, Panama  
Lic. (Universidad de Panama)  
*Field of Specialization:* Physical  
Education

Linda Coffey Turner,  
Washington C. H.  
B.S.Ed.  
*Field of Specialization:* Education

Mark Raymond Tyx,  
Cheektowaga, N. Y.  
B.A. (State University of New York  
College at Buffalo)  
*Field of Specialization:* Romance  
Languages and Literatures

Judith Hickey Uriarte,  
Buchanan, N. Y.  
B.A. (State University of New York  
College at Oneonta)  
*Field of Specialization:* Romance  
Languages and Literatures

Essie Brown Wall, Columbus  
B.S. (Fort Valley State College)  
*Field of Specialization:* Education

Deborah Sue Wallace, Lancaster  
B.S.Ed. (Ohio University)  
*Field of Specialization:* Education

James Edison Wallace,  
Beaumont, Tex.  
B.S.I.E. (Southern Methodist  
University)  
*Field of Specialization:* Education

James Richard Weaver, Kansas  
B.S.Ed.  
*Field of Specialization:* Physical  
Education

Jane Wittlinger Weet, Columbus  
B.S. (State University of New York  
College at Buffalo)  
*Field of Specialization:* Art Education

Kurt Hugo Weiland, Dayton  
B.A. (Kent State University)  
*Field of Specialization:* Political  
Science

Laura Peltz Weisel, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Allen Michael Weiss,  
Los Angeles, Calif.  
B.S. (University of California)  
*Field of Specialization: Education*

Georgia Tangi Welch, Columbus  
B.F.A. (Kansas City Art Institute)  
*Field of Specialization: Art Education*

Kathleen Modica White, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Eve Anne Yaw Wilkes, Columbus  
B.S.Ed.  
*Field of Specialization: Music*

Mark Alan Williams, Columbus  
B.S.Ed.  
*Field of Specialization: Physical Education*

Robert Wayne Williams, Powell  
B.A. (Denison University)  
*Field of Specialization: History*

Susan Craig Willis, Owensboro, Ky.  
B.A. (Centre College of Kentucky)  
*Field of Specialization: Psychology*

Jerry James Wilper, Hazelwood, Mo.  
A.B. (University of Missouri)  
*Field of Specialization: Slavic Languages and Literatures*

Frederick James Wilson, Jr.,  
Massillon  
B.A.  
*Field of Specialization: History*

Cecil Orin Wise,  
North Hollywood, Calif.  
B.A. (California Lutheran College)  
*Field of Specialization: English*

Julie S. Woodard, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Jacquelyn Luise Woodward, Columbus  
B.S. (Central State University)  
*Field of Specialization: Education*

Joan Sheets Woolf, New Concord  
B.S. (Kent State University)  
*Field of Specialization: Education*

Warren Kent Wowczuk, Parma  
B.A. (Kenyon College)  
*Field of Specialization: English*

George Allan Wynn, Columbus  
B.S.  
*Field of Specialization: Education*

Alan James Yarletts, Ashtabula  
B.S.Ed. (Kent State University)  
*Field of Specialization: Education*

# **Master of Business Administration** Twenty-four candidates

James William Baehren, Toledo  
B.S. Bus. Adm.  
*Field of Specialization: Business Administration*

John Arden Brown, Columbus  
B.S.C.E. (University of Akron)  
*Field of Specialization: Business Administration*

George Lewis Diggles, Columbus  
B.M.E.  
*Field of Specialization: Business Administration*

David Gary Foust, Columbus  
B.S.A.A.E.  
*Field of Specialization: Business Administration*

David Wayne Hardin, Cincinnati  
B.A.  
*Field of Specialization: Business Administration*

Thomas James Hogan, Columbus  
B.S.  
*Field of Specialization: Business Administration*

Stuart Harvey Kaplow,  
University Heights  
B.A., M.Acc.  
*Field of Specialization: Business Administration*

William S. Kelley, Weed Heights, Nev.  
B.S. (Arizona State University)  
*Field of Specialization: Business Administration*

Albert Lee Knicely, Norwich  
B.I.E.  
*Field of Specialization: Business Administration*

Mohammed Y. Kurmally, Columbus  
B.A. (University of New Brunswick);  
M.A., Ph.D.  
*Field of Specialization: Business Administration*

Richard Arthur LaFave, Columbus  
B.W.E.  
*Field of Specialization: Business Administration*

James Scott Leas, Columbus  
B.S.Bus.Adm.  
*Field of Specialization: Business Administration*

Daniel Wahl Lease, Fremont  
B.S. (Case Western Reserve University)  
*Field of Specialization: Business Administration*

Alan Tunis Lord, Columbus  
B.S.Bus.Adm., M.A., M.Acc.  
*Field of Specialization: Business Administration*

Robert Allen Peters, Jr., Westerville  
B.A. (American University)  
*Field of Specialization: Business Administration*

Richard Henry Peterson, Columbus  
B.S. (Iowa State University of Science and Technology)  
*Field of Specialization: Business Administration*

Philip John Pollick, Toledo  
B.S. (University of Toledo); Ph.D.  
*Field of Specialization: Business Administration*

Ronald Michael Reichert,  
Milwaukee, Wis.  
B.A. (University of Wisconsin); M.S.  
*Field of Specialization: Business Administration*

Ralph Stephen Sheridan, Columbus  
B.S.  
*Field of Specialization: Business Administration*

Patrick Allen Shumaker, Columbus  
B.A.  
*Field of Specialization: Business Administration*

Richard William Smith, Columbus  
B.S. (United States Naval Academy)  
*Field of Specialization: Business Administration*

Kenneth Wayne Strom, Pataskala  
B.E. (Youngstown State University)  
*Field of Specialization: Business Administration*

David Michael Wolfe, Glenshaw, Pa.  
B.S. (Pennsylvania State University)  
*Field of Specialization: Business Administration*

Stephen Emil Yannucci, Columbus  
B.S.C.E., C.E.  
*Field of Specialization: Business Administration*

## Master of City Planning

Sixteen candidates

Kenneth Albin Cristofani,  
Richmond, Calif.  
B.A. (University of California)  
*Field of Specialization:* City and  
Regional Planning

Thomas William Dugan, Euclid  
B.A. (Denison University)  
*Field of Specialization:* City and  
Regional Planning

Richard Alan Evans,  
Richmond Heights  
B.A. (Hiram College); M.Ed.  
(Cleveland State University)  
*Field of Specialization:* City and  
Regional Planning

Joel Irwin Gottlieb, Brooklyn, N. Y.  
B.A. (Queen's College); M.A.  
*Field of Specialization:* City and  
Regional Planning

Mark Randolph Henne, Cincinnati  
B.A. (Xavier University)  
*Field of Specialization:* City and  
Regional Planning

Richard Eugene Martin, Jr., Elida  
B.A. (Goshen College)  
*Field of Specialization:* City and  
Regional Planning

Vincent Joseph Mazeika,  
New Kensington  
B.A. (Saint Vincent College)  
*Field of Specialization:* City and  
Regional Planning

Charles Alexander McMurry,  
Waterloo, Ont., Canada  
B.A. (Waterloo Lutheran University)  
*Field of Specialization:* City and  
Regional Planning

Mark Arnold Mine, Rumson, N. J.  
B.A. (Allegheny College)  
*Field of Specialization:* City and  
Regional Planning

Bryan Carroll Noreen, Rockford, Ill.  
A.B. (University of Illinois)  
*Field of Specialization:* City and  
Regional Planning

James Patrick Petersilia,  
Santa Monica, Calif.  
B.A. (University of California)  
*Field of Specialization:* City and  
Regional Planning

John Frederic Phillips, Piqua  
B.S. (Purdue University)  
*Field of Specialization:* City and  
Regional Planning

James Marion Polatty, Jr.,  
Clinton, Miss.  
B.A. (University of Mississippi)  
*Field of Specialization:* City and  
Regional Planning

Kenneth Richard Pope,  
Old Greenwich, Conn.  
B.A. (Kenyon College)  
*Field of Specialization:* City and  
Regional Planning

Mary Ellen Vanderwilt,  
Charleston, W. Va.  
B.A. (Duke University)  
*Field of Specialization:* City and  
Regional Planning

James William Wheaton, Columbus  
B.A. (Wittenberg University)  
*Field of Specialization:* City and  
Regional Planning

## Master of Fine Arts

Ten candidates

Wayne Michael Bennett, Columbus  
B.F.A.  
*Field of Specialization:* Art  
Darwin Brent Corrin, Wichita, Kan.  
B.A. (Wichita State University)  
*Field of Specialization:* Theatre

Thomas Vincent Creelan,  
Cuyahoga Falls  
B.F.A.  
*Field of Specialization:* Art

Laura Virginia Hepner, Columbus  
B.F.A. (Ohio University)  
*Field of Specialization:* Theatre

Andrea J. Manning, Rocky River  
B.F.A. (Ohio Wesleyan University)  
*Field of Specialization:* Art

John Edward Penny,  
Leicester, England  
Diploma (Maidstone College of Art)  
*Field of Specialization:* Art

Jane Margaret Pepper,  
Wallington, England  
Diploma (City of Birmingham  
College of Education)  
*Field of Specialization:* Theatre

David Kent Schwenker,  
East Cleveland  
B.F.A.  
*Field of Specialization:* Art

James Andrew Scott, Columbus  
B.F.A.  
*Field of Specialization:* Art

Craig William Turner, Wichita, Kan.  
B.A. (Wichita State University)  
*Field of Specialization:* Theatre

## Master of Music

Thirteen candidates

Dorothy Rose Elder, Columbus  
B.Mus. (Wheaton College)  
*Field of Specialization:* Music

John Jay Evans, Elida  
B.Mus., B.Mus.Ed.  
*Field of Specialization:* Music

Mary Johnston Gilley, Eden, N. C.  
B.Mus. (University of North Carolina  
at Greensboro)  
*Field of Specialization:* Music

James Stephen Hill, Evanston, Ill.  
B.M. (Northwestern University)  
*Field of Specialization:* Music

Robert John Hunt, Jr.,  
Fruitland Park, Fla.  
B.M. (Samford University)  
*Field of Specialization:* Music

Roger Alan Jamison, Spokane, Wash.  
B.Mus. (University of Idaho)  
*Field of Specialization:* Music

Scott Appling Johnston,  
Madison, Wis.  
B.M. (University of Wisconsin)  
*Field of Specialization:* Music

Thomas Michael Kolar, Clinton  
A.B. (Borromeo Seminary of Ohio)  
*Field of Specialization:* Music

Arden VanVleck LeBlanc, Columbus  
B.S. (Lamar State College of  
Technology)  
*Field of Specialization:* Music

John Scott MacMorran, Spencer, Ind.  
B.S. (Ball State University)  
*Field of Specialization:* Music

Marilyn Andrews Nims, Delaware  
Mus.B. (Boston University)  
*Field of Specialization:* Music

June Parker Speak, Columbus  
B.Mus.  
*Field of Specialization:* Music

Raymond Joseph Vaské, Columbus  
B.Mus. (Capital University)  
*Field of Specialization:* Music

## Master of Public Administration

Fifteen candidates

Gregory Burl Barentine,  
Madison, Wis.  
B.A. (Graceland College)  
*Field of Specialization:* Public  
Administration

Michael Joseph Curro, Cincinnati  
B.A. (Xavier University)  
*Field of Specialization:* Public Administration

Frederick Joseph Diamond,  
Syosset, N. Y.  
B.A., B.S.Ed.  
*Field of Specialization:* Public Administration

Bohdan Dmytrewycz, Lakewood  
B.A. (Cleveland State University)  
*Field of Specialization:* Public Administration

Dwight Harold Ely, Montrose, Pa.  
B.A. (Marietta College)  
*Field of Specialization:* Public Administration

Albert W. Erickson, Ill, Bay Village  
B.B.A. (Kent State University)  
*Field of Specialization:* Public Administration

Thomas Joseph Horan, Jr.,  
Billerica, Mass.  
A.B. (Merrimack College)  
*Field of Specialization:* Public Administration

Jack Allan Horner, Postoria  
B.S.Ed. (Bowling Green State University)  
*Field of Specialization:* Public Administration

David Alan Juba, Lakewood  
B.S.Ed.  
*Field of Specialization:* Public Administration

Robert Earl Levin, Beachwood  
B.A. (University of Virginia)  
*Field of Specialization:* Public Administration

Jeffrey George Lobas, Strongsville  
B.S. (Purdue University)  
*Field of Specialization:* Public Administration

David Mark Norstrom,  
Wilmington, Del.  
B.S. (University of Delaware)  
*Field of Specialization:* Public Administration

William John Shkurty, Akron  
B.A.  
*Field of Specialization:* Public Administration

Linda Dianne Taylor, Columbus  
B.A.  
*Field of Specialization:* Public Administration

Bruce Lee Thomas, Soda Springs, Id.  
B.S. (University of Idaho)  
*Field of Specialization:* Public Administration

#### **Master of Science**

Two hundred and twenty-seven candidates

Jose Arturo Afanador, Columbus  
Ingeniero Civil (Pontificia  
Universidad Catolica Javeriana,  
Colombia)  
*Field of Specialization:* Civil Engineering

Maryam Alavi, Kalamazoo, Mich.  
B.A. (State University of New York  
at Albany)  
*Field of Specialization:* Computer and Information Science

Ibrahim Ismail Ali, Baghdad, Iraq  
B.V.M. (University of Baghdad)  
*Field of Specialization:* Veterinary Physiology/Pharmacology

Ronald Dwight Allerton, Hilliard  
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Medical Professions*

Laura Marie Wulforst, Delphos  
A.B. (Immaculate Heart College);  
B.S.Nurs. (Saint Louis University)  
*Field of Specialization: Nursing*

David Alfred Wynsen, Columbus  
B.S.  
*Field of Specialization: Microbiology*

Katsumi Yamamoto, Otawara, Japan  
B.E. (Tohoku University)  
*Field of Specialization: Metallurgical  
Engineering*

Dennis Yee, Barberton  
B.S.  
*Field of Specialization: Zoology*

Dennis Duane Zaebs, Columbus  
B.S.  
*Field of Specialization: Preventive  
Medicine*

Edwin Kerper Zechman, Jr.,  
Hershey, Pa.  
B.S. in Educ., M.Ed. (Shippensburg  
State College)  
*Field of Specialization: Allied  
Medical Professions*

Charles William Zimmerman, Huron  
B.S.Ed.  
*Field of Specialization: Mathematics*

Ihor George Zubal, Lorain  
B.S.E.P.  
*Field of Specialization: Nuclear  
Engineering*

## Master of Social Work

Sixty-four candidates

Barbara Ann Aker, Brookville  
B.S.Soc.Wel.  
*Field of Specialization: Social Work*

Pamela Sue Argus, Columbus  
B.A.  
*Field of Specialization: Social Work*

Alex Lee Bates, Columbus  
B.A. (Southern University)  
*Field of Specialization: Social Work*

Janice Daniels Bersoff, Columbus  
B.S., M.A. (New York University)  
*Field of Specialization: Social Work*

Elizabeth J. Bishop, Urbana  
B.S. (Urbana College)  
*Field of Specialization: Social Work*

Phyllis Marilyn Brener,  
Indianapolis, Ind.  
B.S. (University of Bridgeport)  
*Field of Specialization: Social Work*

\* Also Bachelor of Electrical Engineering,  
College of Engineering  
\*\* Also Doctor of Optometry,  
College of Optometry

Joanne A. Broerman, Cincinnati  
B.A. (Edgecliff College)  
*Field of Specialization:* Social Work

Richard Brown, Columbus  
B.A. (Anderson College)  
*Field of Specialization:* Social Work

Ann Sweet Cain, Cincinnati  
A.B. (Indiana University)  
*Field of Specialization:* Social Work

Bruce Allen Catalano, Canton  
B.A. (Saint Joseph's College, Indiana)  
*Field of Specialization:* Social Work

James William Cloonan, New York, N. Y.  
B.A. (Antioch College)  
*Field of Specialization:* Social Work

Coralyn Copeland, Cincinnati  
B.S. (University of Cincinnati)  
*Field of Specialization:* Social Work

Barbara Lee Crane, Delaware  
B.S.Ed.  
*Field of Specialization:* Social Work

Margaret Strauss David, Cincinnati  
B.A. (University of Cincinnati)  
*Field of Specialization:* Social Work

Susan Marie Foster, Youngstown  
B.A. (Kent State University)  
*Field of Specialization:* Social Work

Michael Edwin George, Connersville, Ind.  
B.S.Ed. (Ball State University);  
M.S. (Miami University)  
*Field of Specialization:* Social Work

Judith Hobbs Goodhand, Gambier  
B.A. (Kenyon College)  
*Field of Specialization:* Social Work

Franklin Gordon, Dayton  
B.A. (Morehouse College)  
*Field of Specialization:* Social Work

Suzanne C. Greenawalt, North Adams, Mass.  
B.A. (Marietta College)  
*Field of Specialization:* Social Work

Yvonne Greene Hipps, Cincinnati  
B.S. (Agricultural and Technical College of North Carolina)  
*Field of Specialization:* Social Work

Alexandria Marie Holt, Cincinnati  
B.Educ. (University of Toledo)  
*Field of Specialization:* Social Work

Sue Jones Howard, Columbus  
B.S.Soc.Wel.  
*Field of Specialization:* Social Work

Velma Lee Jackson, Mobile, Ala.  
B.S. (Alabama State College)  
*Field of Specialization:* Social Work

Donna Marie Katusin, Lower Burrell, Pa.  
B.S. (University of Pittsburgh)  
*Field of Specialization:* Social Work

Sue Ann Kerstein, Lawrenceville, N. J.  
A.B. (Boston University)  
*Field of Specialization:* Social Work

Linda Wade King, Toledo  
B.A. (University of Toledo)  
*Field of Specialization:* Social Work

George James Kostura, Columbus  
B.S.Soc.Wel.  
*Field of Specialization:* Social Work

Grace Koehler Lewis, Columbus  
B.S. (Northwestern University)  
*Field of Specialization:* Social Work

Marilyn Gerlon Littles, Hazle Hurst, Miss.  
B.S. (Alcorn Agricultural and Mechanical College)  
*Field of Specialization:* Social Work

William Francis Lyons, Jr., Cleveland  
B.A. (University of Notre Dame)  
*Field of Specialization:* Social Work

Marcia Ellen McLaughlin, Springfield  
B.A. (Bowling Green State University)  
*Field of Specialization:* Social Work

Janet Herron Melcher, Cincinnati  
A.B. (Ohio University)  
*Field of Specialization:* Social Work

Richard Alan Mentzer, Columbus  
B.S. (Pennsylvania State University)  
*Field of Specialization:* Social Work

Donald Kenneth Miller, Columbus  
B.A.  
*Field of Specialization:* Social Work

F. Whitby Miller, Canton  
B.S.B.A. (Georgetown University)  
*Field of Specialization:* Social Work

Sandra Elaine Miller, Winter Haven, Fla.  
B.A. (West Virginia State College)  
*Field of Specialization:* Social Work

Luette Freeman Mittag, Kettering  
B.S. (University of Wisconsin)  
*Field of Specialization:* Social Work

Nancy Lee Morgan, Strongsville  
B.A.  
*Field of Specialization:* Social Work

Richard Jones Morris, Columbus  
B.A. (Antioch College)  
*Field of Specialization:* Social Work

Ronald Steven Murphy, Cincinnati  
B.A. (Kentucky State College)  
*Field of Specialization:* Social Work

George Michael Nader, Mansfield  
B.S.Soc.Wel.  
*Field of Specialization:* Social Work

Donald Francis Nicoll, Port Washington, N. Y.  
B.S.Soc.Sci. (Mount Saint Mary's College)  
*Field of Specialization:* Social Work

Lois Glenn Ogbechie, Columbus  
B.S.Soc.Wel.  
*Field of Specialization:* Social Work

Bonnie Gurian Orlins, Columbus  
B.A.  
*Field of Specialization:* Social Work

Laurie Gilbert Oser, Columbus  
B.S.Soc.Wel.  
*Field of Specialization:* Social Work

Linda Carlyle Payne, Columbus  
B.S. (Tennessee State University)  
*Field of Specialization:* Social Work

Donna Jean Bates Price, Columbus  
B.S. (Central State College)  
*Field of Specialization:* Social Work

Edith Smith Reed, Mansfield  
B.A.  
*Field of Specialization:* Social Work

Katherine Franck Rohrer, Columbus  
B.A. (Miami University)  
*Field of Specialization:* Social Work

Violet Wallace Rooney, Portsmouth  
B.S.Soc.Wel.  
*Field of Specialization:* Social Work

Katie Ruth Rothfeld, Cincinnati  
B.A., M.A. (University of Cincinnati)  
*Field of Specialization:* Social Work

Maureen Joy Schoenberg, Akron  
B.S.Soc.Wel.  
*Field of Specialization:* Social Work

Pat Wood Shepherd, Cincinnati  
B.A. (University of Cincinnati)  
*Field of Specialization:* Social Work

Norman Franklin Shub, East Cleveland  
B.A. (Cleveland State University)  
*Field of Specialization:* Social Work

Patricia Kay Singleton, Canton  
B.S. (Central State College)  
*Field of Specialization:* Social Work

David Paul Stoesz,  
Willimantk, Conn.  
B.S. (Springfield College)  
*Field of Specialization: Social Work*

Jane Elizabeth Sullivan,  
Pittsburgh, Pa.  
B.A. (Duquesne University)  
*Field of Specialization: Social Work*

Michael Lee Tebbe, Cincinnati  
B.A. (Athenaeum of Ohio)  
*Field of Specialization: Social Work*

Beverly Guella Toomey, Columbus  
B.A. (Miami University)  
*Field of Specialization: Social Work*

Marvin Gerald Tossey, Columbus  
B.A.  
*Field of Specialization: Social Work*

Roberta J. Wasserman,  
Brookline, Mass.  
B.A. (University of Massachusetts)  
*Field of Specialization: Social Work*

Jeanne McKay Waters, Columbus  
B.A. (College of Saint Rose)  
*Field of Specialization: Social Work*

Mae O'Rita McAllister Whaley,  
Cincinnati  
B.S. (University of Cincinnati)  
*Field of Specialization: Social Work*

Donald Richard Wilka, Columbus  
B.S.Soc.Wel.  
*Field of Specialization: Social Work*

## Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans: Franklin P. Kilpatrick  
Vice Provost for the Arts and Sciences: Thomas A. Willke

The Colleges of the Arts and Sciences, a federation of five colleges, includes:

### College of The Arts

Dean: Lee Rigsby

### College of Biological Sciences

Dean: Richard Bohning

### College of Humanities

Dean: Arthur E. Adams

### College of Mathematics and Physical Sciences

Dean: Colin B. B. Bull

### College of Social and Behavioral Sciences

Dean: Franklin P. Kilpatrick

## College of The Arts

Dean: Lee Rigsby

### Bachelor of Arts

Nineteen candidates

Christine Elaine Bishop, Parma  
Marcia Anne Buser, Denver, Colo.  
William Louis Corson, Jr., Lebanon  
Lisa Louise Curtis, Kenton  
David Garth Eisenstein, Columbus  
Miles Lindsey Haines, Grove City  
Mary Coffman Heston, Columbus  
Jay W. Hout, Richmond  
Bonita Louise Jay, Dayton  
Barbara Christine Johnston, Columbus  
Randy Barbara Kaplan, New York, N. Y.  
Stanley Bruce Kayne, Columbus  
Nancy Jane Kerns, West Mansfield  
Lorrie Ann McCann, Springfield  
Edward Patrick McCreanor, Warren  
Rebecca Sesler, Billings, Mont.  
Jane Anne Thomas, Findlay  
Linda Frances Vergith, East Cleveland  
Wendy Ann Yaross, Dayton

### Bachelor of Fine Arts

Fifty candidates

Paula Susan Bloemer, Cincinnati  
\*Michael Anthony Bonadio, Westerville

Marjorie Lois Brown, Great Neck, N. Y.  
Paul Stephen Bussey, Jacksontown  
Marlene Ann Casini, Steubenville  
Rebecca Ann Dodson, Massillon  
Joseph Francis Dostal, Cleveland  
Cynthia Lou Dyer, Fairview Park  
Deborah Dalhart Edwards, Orient  
Jean Bamer Fox, Coshocton  
Carey Hilton Furber, Columbus  
Cynthia Ganobisk, Avon Lake  
Scot Steven Gassen, Alexandria, Va.  
Jacque Lynn Harper, Coshocton  
William Jeffrey Hughley, Columbus  
Craig Lee Inscho, Columbus  
Barbara Ann Kennedy, Westerville  
Marilyn Kern, Kettering  
Maurine Knecht, Dayton  
Susan Lynn Koewler, Dayton  
Bonnie Anne Kubasta, Pepper Pike  
B.Art Ed.  
Annamarie Leo, Columbus  
Peggy Anne Levine, Woodbury, N. Y.  
Holly Champlin Longfellow, Alexandria, Va.  
Rebecca Jane Mossbarger, New Holland  
Patricia Grubb Mount, Columbus  
David Michael Nalle, Columbus  
B.A.  
David Sanford Nateman, Columbus  
Raye Karen Needham, Milford, Conn.  
Mary Havens Nice, Marengo  
Susan Rae Peskin, Youngstown  
Laurie Cooper Pressler, Columbus  
Roger Stanley Riggs, Columbus  
Lynne Zucker Roth, Columbus  
Jonathan Charles Rudinger, Toledo  
Margery Helene Schiff, Newark  
Pamela Schwink, Columbus  
Richard Ervin Shelton, Westerville  
Peggy Lou Smith, Columbus  
Philip Woolworth Smith, Columbus  
William Dean Smith, Columbus  
B.S.  
Leigh Beth Snyder, Marietta  
Lois Karon Sokolow, Syosset, N. Y.  
Chloette Clotene Steele, Columbus  
Jeffrey Eric Tatman, Dayton  
Modestine Delores Thomas, New York, N. Y.  
Shauna Anne Vey, Worthington  
Carol Lynn Wargo, Vermilion  
Jan Dian Williams, Pennsville  
Marjory Beth Winshall, Huntington Woods, Mich.

### Bachelor of Music

Thirteen candidates

Robert C. Angell, Pataskala  
Christopher Stephen Baker, Fremont  
Stephen William Busonik, Columbus  
Lynn Mary Christescu, Cleveland  
Stephanie Rae Cline, Amsterdam  
Susan Lynn Glaser, Plainview, N. Y.  
Rose Marie Heydinger, Attica  
Jack David Jenny, Columbus  
George Martin Nauman, Columbus  
Roger Trent Nohl, Columbus  
Mark Steven Norris, Columbus  
Terry Lee Tyson, Henderson, N. C.  
\*Frederick Martin Zeigler, Columbus

### Bachelor of Art Education

Offered jointly by the College of The Arts and the College of Education

Thirty-one candidates

\*Michael Anthony Bonadio, Westerville  
Sharyl Ann Chickarella, Columbus  
Margaret Kost Davis, Columbus  
Margaret Koch Decker, Fremont  
David John Givler, Columbus  
Robert Ross Hamilton, Coshocton  
Beth Anne Johansen, Parma  
Martha Ann Martin, Columbus  
Johnna Kay McCauley, Mechanicstown  
Alison Lois McNeal, Columbus  
Cheryl Ann Norman, Columbus  
Sandra Lee Norton, Ada  
Patricia Sue Parfenchuk, Columbus  
Alane Smith Peters, Columbus  
Linda Marie Podojil, Columbus  
John Eddie Pollock, Stewartsville  
Ilene Diane Posner, Coral Gables, Fla.  
Barbara Sue Powell, Shadyside  
James Ortner Prendergast, North Olmsted  
Amye Hope Price, Franklin Square, N. Y.  
Walter McCloud Pusey, Columbus  
Keith Alan Rinehart, Urbana  
Susan Kay Schneider, Dayton  
Barbara Schwat, Oceanside, N. Y.  
Kittie Palm Seibert, Columbus

\* Also Bachelor of Art Education, College of Education  
\* Also Bachelor of Music Education, College of Education  
\* Also Bachelor of Arts, Colleges of the Arts and Sciences  
\* Also Bachelor of Fine Arts, Colleges of the Arts and Sciences

Pamela Sue Smith, Gahanna  
 Donna Elise Steenland,  
 Fairlawn, N. J.  
 David Scott Van Eman, Venedocia  
 James Todd Ventling, Columbus  
 Gale Lee Wolfe, Xenia  
 Susan Kaye Zanin, Cortland

#### **Bachelor of Music Education**

**Offered jointly by the  
 College of The Arts and the  
 College of Education**

Thirty-five candidates

Linda Senter Bater, Columbus  
 Carol Ann Beabout, Waverly  
 Marlowe Few Brainard, Madison  
 Robert Alan Carpenter, Columbus  
 Meredith Ann Charles, Columbus  
 Elizabeth Jean Davis, Columbus  
 Christopher Philip Doane,  
 Munroe Falls  
 Linda J. Farquharson, Stow  
 Linda Joyce Fox, Massillon  
 Roger Allen Hall, Canton  
 Alvin Jon Hallas, Pickerington  
 Deborah Pickens Hanes, Columbus  
 Catherine Gail Hannaway, Cambridge  
 Larry Dean Hayes, Zanesville  
 Gary Howard Hodges, Columbus  
 Ross Dillon Hollinger, Lima  
 Rex Lynn Jackson, Bryan  
 \*Jack David Jenny, Columbus  
 Fritz Alexander Kaenzig, Dayton  
 Meri Elizabeth Kersey, Lebanon  
 Dianne Marie Kriebbaum,  
 North Olmsted  
 Amy Susan Krupko, McDonald  
 Douglas Paul Little, Lakewood  
 Dennis Keith Martin, Columbus  
 Nancy Snyder Peppercorn,  
 New London  
 Kevin Lee Peters, Zanesville  
 David Alan Rawson, Grove City  
 Kathleen Louise Rettich, Dayton  
 Christine Johnson Ritts, Columbus  
 Mary Catherine Rugola, Mt. Vernon  
 Sandra Kollar Stayrook, Columbus  
 Roxanne Stone, Holland  
 Kathryn Elleman Wadlington,  
 Columbus  
 Donald Owen Woker, Columbus  
 Edward Andrew Zadrozny,  
 Seven Hills

#### **Bachelor of Science in Industrial Design**

Twenty candidates

Barbara Ann Abbot, Columbus  
 Virginia Gale Bennett, Worthington  
 Kathleen Alma Bick, Norwalk  
 Lee Winters Brown, Columbus  
 Patrick Barry Brown, Chillicothe  
 George Subray Dahood, Caldwell  
 Debra Ann Dodd, Westlake  
 Jon Michael Elzey, Columbus  
 Timothy Scott Fauber, Columbus  
 Albert Floyd Fillenwarth,  
 Clearwater, Fla.  
 Anthony Richard Gagliardi,  
 Kinnelon, N. J.  
 Frederick James Hahne, Warren  
 Kenneth Alan Johnson, Columbus  
 Thomas Harold Layton, Columbus  
 Pamela Robbin Levine, Columbus  
 Michael William Loffin, Columbus  
 Allen Joseph Luempert, Cleveland  
 Bruce Melville McPherson,  
 West Jefferson  
 Alan Lee Rowland, Chillicothe  
 John Michael Samson, Columbus

#### **College of Biological Sciences**

Dean: Richard Bohning

#### **Bachelor of Arts**

Forty-eight candidates

David Joseph Barsan, Akron  
 Jon Fenton Bauer, Martins Ferry  
 Don Michael Berzon, Canton  
 Barry Francis Biniker, Toledo  
 Emil Patrick Bisaccia, Nutley, N. J.  
 Alan Belmont Bradley, Greenville  
 Gregory Walter Bragiel, Parma  
 Michael Kim Brockett, Atwater  
 Mark Allan Brown, Flushing  
 Joyce Sue Buchanan, Columbus  
 Frank Joseph Capella, Girard  
 Barbara Grace Essig, Westlake  
 Gregory A. Field, Brooklyn  
 Scott Roger Fritschle, Columbus  
 Timothy Francis Garner,  
 Germantown  
 George Van Hassink, Orange Village  
 Michael Joseph Hodovanic, III,  
 Toronto  
 Samuel Paul Hulett, Columbus

Glen Wallace Humphrey,  
 Rockville, Md.  
 Nicholas Nick Kallas, Lorain  
 Philip Thomas Kallile, Toledo  
 Howard Michael Kimes, Fostoria  
 John Paul Kocka, Parma  
 Alice Lunn Kolbe, Columbus  
 Alex Koufos, Canton  
 Roger John Kruse, Hamler  
 Michael Lee Love, Salem  
 Melissa Anne Mash, Marion  
 Allan Jay Nichols, Seaford, N. Y.  
 Stanley Stephen Paras, Youngstown  
 Craig Patrick Patterson, Gahanna  
 †Barbara Ann Phelps, Mentor  
 James Michael Podnar, Canal Fulton  
 Ronald Lee Richards,  
 St. Albans, N. Y.  
 Richard Donald Rorapough, Jr.,  
 Columbus  
 Alan Bruce Rosenberger, Columbus  
 Greg Laurence Sherman, Cincinnati  
 Bryan Allan Shumaker,  
 Englishtown, N. J.  
 Martin Andre Stapanian, Cincinnati  
 Michael Vernon Stine, Richmond  
 Robert Maxwell Stofer, Jr., Kettering  
 Leon Newton Sykes, Lakewood  
 Charles Jenkins Thurston, Columbus  
 James Frederick Turner, II, Akron  
 David James Vickers, Cincinnati  
 B.S.  
 Richard Francis Wade, Navarre  
 Carl Robert White, Perrysburg  
 Thomas James York, Columbus

#### **Bachelor of Science**

One hundred fifty-eight candidates

Natalie Joan Agnew, Columbus  
 Christine Ruth Albrightson,  
 Bay Village  
 David Milton Armstrong, Columbus  
 Randal Peter Ashton, Wheeling, Ill.  
 Stephen Eugene Baeumel,  
 Wapakoneta  
 Edwin Craig Bashaw,  
 Rochester, N. Y.  
 William David Bennett, Canfield  
 William Fred Bennett, Springfield  
 Robert Lee Bentz, Lorain  
 Allen Edward Bingham,  
 Cuyahoga Falls

\* Also Bachelor of Music.  
 † Colleges of the Arts and Sciences  
 ‡ Also Certificate of Graduate Dental  
 Hygienist, College of Dentistry

Robert Scott Bowers, Tipp City  
Sharon Anne Boylan, Amherst  
Sarah Till Boysen, Columbus  
James Andrew Bradac,  
Wheeling, W. Va.  
William Jency Brown, Lima  
Francis Michael Bubis, Columbus  
Brad Richard Bundy, Steubenville  
Mary Frances Burke,  
Middletown, N. J.  
Judy Lynn Cates, Perrysville  
Scott Allen Chambers, Navarre  
Kathran Chan, Louisville, Ky.  
John Wayne Chinn, London  
Charles Edward Cichra, Cleveland  
Gerald Lee Clark, Anna  
Betsy Buhrmaster Cleary, Columbus  
Terry Eugene Clevenger, Shelby  
David Fred Daugherty, Coshocton  
Catherine Ann Demko,  
Sagamore Hill  
Roger Dennis Duber,  
University Heights  
John Raymond Engle, Pataskala  
David Andrew Erwin, Coshocton  
Sally Kay Evans, Columbus  
Richard Allen Fankhauser, Dundee  
Laura Ann Fay, Lakewood  
Peter John Fotheringham, Toledo  
Suzanne Louise France, Massillon  
Edward William Frech, Cincinnati  
Brent Allen Freeman, Butler  
Terrance Andrew Fuller, Lima  
William Ward Gardner, Columbus  
Steven Jay Garlock, Columbus  
William Victor Garver, Ney  
Jeanette Marie Gismondi,  
Youngstown  
Steven Richard Goodall, Mansfield  
Kenneth Eugene Green, Baltimore  
Sarajo Courtright Green, Columbus  
Gary Alan Guinup, Galion  
Barbara Lynn Hahn, Kettering  
Jeffrey Stuart Hankin, Columbus  
Mary Jean Harbage, Columbus  
William Lee Hardy, Westerville  
Judith Ann Hargrave,  
Hicksville, N. Y.  
James Edward Hargreaves, Dayton  
Robert Kent Harmony, Lexington  
Michael Paul Harris, Rocky River  
Nancy Evonne Hauer, Columbus  
Dennis Arden Hecker, Mineral Ridge  
Marc Joel Hollander, Columbus  
Teresa Ellen Homan, Bay Village  
Gail Frances Hormats,  
Rochester, N. Y.  
Vincent Chung Hon Hu, Cincinnati  
David Bruce Huber, Marion

Stephen Thomas Hylant, Toledo  
Gregory Robin Jedlicka, Medina  
Ida Helena Juris, Medina  
John Neibert Kagay, Kettering  
Kathleen Ann Kiefer, Pittsburgh, Pa.  
John Joseph Kilbane, II, Gates Mills  
Stephen Owen Kitchen,  
West Portsmouth  
Wendy Ann Kline, Merrick, N. Y.  
Marilyn Joyce Koester, Rockville, Md.  
Andrew Henry Lapinski,  
Warrington, Pa.  
David Carl Lawrence,  
Upper Sandusky  
Jerry Isadore Levine, Shaker Heights  
Gregory Anthony Lis, Wickliffe  
James H. Liu, Middleburg Heights  
William Henry Lowe, Columbus  
Lynwood Alva MacLean, III,  
Springfield  
Rita Patricia Manogue, Cincinnati  
Donald Ray Marvin, Ravenna  
Linda Susan Mass, Columbus  
Mindi Jill Mattlin, Chesterland  
Michael Joseph McCullough,  
Gnadenhutzen  
Wallace Duncan McKay,  
Wheeling, W. Va.  
Cyrus Benjamin McQueen, Columbus  
Larry Paul McQuillin, Delta  
Jay Edward Meyer, Lima  
Mary Lynn Michels, Rocky River  
Janet Ann Miklus, Parma Heights  
Emerick Nick Milet, Parma  
Elizabeth Cowell Miller, Crestline  
Ronald William Mink, Columbus  
Ralph Bernard Monnett, Jr.,  
Columbus  
Richard Arthur Mowles, Roanoke, Va.  
Marilyn Diane Murray, Fostoria  
Mark Paul Musche, Lexington  
Victoria Nikolaidis, Massillon  
Mary Catherine Nuhfer, Columbus  
Thomas Henryk Olszewski, Columbus  
Steven Allen Orenstein,  
Dix Hills, N. Y.  
Anne Galvi Palestrant, Columbus  
B.A.  
Gary Drucker Palestrant, Columbus  
B.A.  
Nancy Susan Palmer, Hamilton  
Rex Eugene Profit, Columbus  
Michael Robert Rawson, Toledo  
John Patrick Richard, Kettering  
David B. Riedinger, Akron  
Jane Rosalie Rietschlin, Crestline  
Edward Francis Riordan, Hubbard

Bruce Alan Roberts, Westerville  
Janet Bawell Rodgers, Columbus  
Loyal Rick Ruegsegger, Waverly  
Michael Edward Ruff,  
Canal Winchester  
John Steve Russ, Columbus  
Kenneth Dean Rutherford, Antioch  
Diane Christina Sands, Columbus  
Kenneth Wayne Saul, Youngstown  
Andrew Fredric Savitz,  
Margate, N. J.  
Joel Harris Scheckner,  
Queens Village, N. Y.  
Lawrence Paul Schmelzer, Bremen  
Steven Karl Schriever, Cincinnati  
Janet Seall, Columbus  
Frank Raphael Segeti, Columbus  
Jeffrey John Seilhamer, Columbus  
James Kurt Seitzer, Columbus  
Gary John Shemaka,  
Centereach, N. Y.  
Bruce Scott Smith, Columbus  
Eric David Smith, University Heights  
Alex Michael Stakieff, Akron  
Judith Ann Stanford, Toledo  
Thomas Alexander Steele, Marion  
Michael Steven Steinmetz, Columbus  
Gregory Thomas Stelzer, Columbus  
Joan Marie Stets, Columbus  
Bradley James Stith, Columbus  
Claudia Miles Strasswimmer,  
Columbus  
Laveen Michele Swan, Hampton, Va.  
John Joseph Syphard, Youngstown  
Marijo Bernadette Tamburrino,  
Mansfield  
Sue Switzer Thornton, Gahanna  
Richard David Tobey, II, Dayton  
Steven John Tomisek, Cicero, Ill.  
John Albert Tosi, Poland  
Patricia Ann Triggs, Macedonia  
Roger James Truskoloski, Westerville  
Joseph Stephan Vanyo, Worthington  
Phillip William Walter, Mansfield  
Patricia Jane Walters,  
Garfield Heights  
Cynthia Jane Weirich, Columbus  
Ronald Lester White, West Union  
Beth Ann Wichman, Mentor  
Tammra Ann Williams, Nevada  
Mary Kathryn Wise, Defiance  
Michael Charles Witte, Lyndhurst  
Henry Edward Young, Kettering  
Richard Stanley Zack, Jr., Novelty  
Anthony Joseph Zino,  
Manhasset, N. Y.  
Timothy Roland Zwiebel, Wapakoneta



## College of Humanities

Dean: Arthur E. Adams

### Bachelor of Arts

One hundred eighty-two candidates

William Alan Adamek, Columbus  
 Bennie Wayne Allison, Youngstown  
 Louis Ludwig Arko, Euclid  
 William Edward Baer  
     Lockbourne AFB  
 Gary Baker, Cleveland  
 Gregory Alan Barrett, Tipp City  
 Stephanie Bart, Cincinnati  
 Jackie Lynne Biggers, Columbus  
 Richard A. Billingsley, Columbus  
 Beverlee Kaye Blauser, Columbus  
 James Fredrick Borstein,  
     Winter Park, Fla.  
 Charles Andrew Boyd, Elyria  
 Evelyn Sue Brown, Rushville  
 Mary Anne Buganski, Amherst  
 Walter Louis Burdorf, III,  
     Port Clinton  
 Melvin Douglas Burns, Loveland  
 Joan Louise Byrne, Hartsdale, N. Y.  
 Roderick William Caldwell, Columbus  
 Franklin Harris Canter,  
     Philadelphia, Pa.  
 James Ellsworth Couch, Van Wert  
 Carl Edwin Crawford, Jr., Columbus  
 John Michael Cutter, Loveland  
 Diane Louise Danemayer, Cincinnati  
 Diane Lee Daniel, Columbus  
 Dana Christine Darwood, Van Wert  
 Jacqueline Sue Davis, Columbus  
 Sandra Simmons DeVennish,  
     Columbus  
 Alberto Y. Dick, Columbus  
 Stephen Russell Dickerson, Coshocton  
 Philip John DiGiando, Columbus  
 Anita Christine Duy, Columbus  
 Philip Clare Edwards, Orient  
 Mark Joseph Ellis, Upper Sandusky  
 David Bruce Etengoff, Columbus  
 William Rodney Evans, Columbus  
 Alexander Pomas Fasules, Fairborn  
 David Lewis Feldwisch,  
     New Knoxville  
 Carol Ann Fichtelman, Columbus  
 Debra Lynn Foles, Fairborn  
 Sally Louise Fox,  
     North Bellmore, N.Y.  
 Robert Melvyn Frankle, Lorain  
 David Lewis Franklin, Columbus  
 Damon Ervin Frison, Columbus  
 David R. Fuller, Columbus  
 Gayle Ann Furman, Cleveland

Daniel Paul Gallagher, Cambridge  
 Edward Faith Garrick, Columbus  
 Michael Leis Gay, Cincinnati  
 Wayne Edward Geisen,  
     Falls Church, Va.  
 Laurie Sue Gelman, Dayton  
 Alan Bruce Govenar, Columbus  
 Howard Michael Greenberg,  
     Hewlett Harbor, N. Y.  
 Andrew Richard Greene,  
     San Antonio, Tex.  
 Gloria Richards Grey, Columbus  
 Bernard Gross, Youngstown  
 Stewart Cory Gross,  
     New Rochelle, N. Y.  
 Neil Warren Gurney,  
     Cleveland Heights  
 Stephen John Habash, Steubenville  
 \*Lisa Ann Haines, Columbiana  
 Marsha Jane Hamilton, Kirtland  
 Karen Denise Hammack, Columbus  
 Luanne Brooke Handley, Dayton  
 Donn Allen Hatch, St. Clairsville  
 †Gail Elizabeth Hatcher, Columbus  
 William Craig Hemming, Columbus  
 Robert Bruce Hensley, Conneaut  
 Sylvia Ruth Herman, Yonkers, N. Y.  
 Barbara Elaine Herring,  
     Norwich, Conn.  
 †Anne Susan Heubach, Newark  
 Janelle Rae Hill, Dayton  
 Holly Gae Hirschberg, Hillside, N. J.  
 Diana Marie Hoagland, Dayton  
 Douglas Paul Horne, Dayton  
 Dennis Evan Horwitz,  
     Mayfield Heights  
 †Gilia Lucia Iafolla, Columbus  
 Elizabeth Ann Jeffries, Columbus  
 Catherine Celine Johnston, Rayne, La.  
 Rebekah Lee Jorgensen, Columbus  
 Edwin James Jory, Columbus  
 \*Nancy Ellen Kaler, Mansfield  
 Donald John Kazyak, Jr., Columbus  
 Lucy Marion Kazyak, Columbus  
 Robert James Kehoe, Shelby  
 Dennis Robert Kimball, Newark  
 Michael Lee King, Trotwood  
 Glen Gray Kizer, Worthington  
 Richard Carl Klein, Jr., Columbus  
 Howard David Korn, Wooster  
 Richard Allen Kostura, Chagrin Falls  
 Douglas Roger Kreiselman, Columbus  
 William Thomas Kulas, Columbus  
 Richard Joel Kurjan, Youngstown  
 Rezzan Ayse Kurtis, Columbus  
 Robert Arthur Lenander, Columbus  
 Cynthia Lynn Lewis, Middletown  
 Richard Louis Libutti,  
     Spring Valley, N. Y.

Janet Elizabeth Lingard, Columbus  
 Lawrence S. Lockshin, Canton  
 Robert Oliver Loechler, Columbus  
 Keith Eric Long, Delaware  
 \*Nancy Elizabeth Long, Columbiana  
 Nicolette Ann Love, Elyria  
 David Brian Mackey, Columbus  
 Michael Jay Markovitz, Chicago, Ill.  
 Susan Marie Martina, Columbus  
 Ruth Bush McGlone, Columbus  
 Mary Elizabeth McMorrow, Zanesville  
 Dennis Patrick McNames, Columbus  
 Robert Andrew McNee, Columbus  
 Frank Thomas McNeil, Columbus  
 Gretchen Siegrist McNeil, Columbus  
 Karen Sue Melcher, Union, N. J.  
 Francis Raymond Miller, Jr.,  
     Columbus  
 Stuart Pracy Miller, Mentor  
 William Paul Millisor, Marion  
 Douglas Virgil Mills, Canton  
 Robert Beier Mintz, Columbus  
 Linda Marie Mitro, North Royalton  
 Christian John Mixter, Columbus  
 Glenn Michael Mudry,  
     Bridgeton, N. J.  
 David Luther Muehlbrad, Galion  
 Scott Michael Murray, Lima  
 Patricia K. Nelson, Parma Heights  
 David Jacot Nesbitt, Columbus  
 Deborah Louise Neubig, Columbus  
 Kent Stephen Newman, Parma  
 William Gene Nunley, Grove City  
 Thomas Lynn Owdom, Columbus  
 William Paul Panning, Jewel  
 Kenneth Charles Podor, Cleveland  
 \*Julia Ann Poirier, Columbus  
 John Patrick Posani, Columbus  
 Arthur Lynn Prince, Columbus  
 David Calvin Quatman, Celina  
 Susan Rose Raftery, Norwalk  
 Sanjeev Ananda Rao, Jr., Wintersville  
 Deborah Thompson Rice, Columbus  
 Lucky Lorain Riley, Columbus  
 Michaelangelo Rodriguez,  
     Bronx, N. Y.  
 \*Lawrence M. Romanoff, Toledo  
 \*Deborah Ann Ruppelt, Bay Village  
 Catherine Ann Rutkowski, Brecksville  
 Joseph Edward Ryne, Kettering  
 Sharron Smith Saam, Columbus  
 Arthur Daniel Saby, Cleveland  
 Michael John Sarris, Columbus  
 Dean Robert Schell, Columbus

\* Also Bachelor of Science in Education,  
 College of Education  
 † Also Certificate of Graduate Dental  
 Hygienist, College of Dentistry

Julie Lynne Schlosser, Westerville  
 Anne Elizabeth Schmidt,  
 Pittsburgh, Pa.  
 Dennis Charles Seidel, Columbus  
 Michael Ralph Shore, Columbus  
 Dixon Harp Simcox, Ogelthorpe, Ga.  
 Darryl Arlen Skale, Dayton  
 Pamela Jane Skinner, Columbus  
 Stephen John Slovasky, Girard  
 Kenneth James Sluss, Columbus  
 Mary Elizabeth Snyder,  
 Maple Heights  
 Suzanne Soltis, Campbell  
 Allen Martin Stern, Bedford Heights  
 Dona Sue Straley, Williamsport  
 Pamela Paige Straughan, Columbus  
 Suzanne Stuntebeck, Columbus  
 Mark James Sullivan, Columbus  
 Constance Camille Taibi,  
 Yorktown Heights, N. Y.  
 Toby Glenn Thompson, Hamilton  
 David Steven Tobiasz, Parma  
 Richard Whitaker Troutman, Gahanna  
 Carol Ann Tueting, Wilmington, N. C.  
 Roger Lee Vogel, II, Worthington  
 Thomas Carl Vogelpohl, Columbus  
 †Anne Knowlson Wade, Whitehouse  
 Bruce Allison Wall, Columbus  
 James Richard Warren, Toledo  
 Deborah Katherine Watson, Columbus  
 Joan Anita Weyls, Parma Heights  
 Michael Dennis Wilke, Columbus  
 Craig Edward Williams, Painesville  
 George Lee Winkfield, Jr., Columbus  
 Diane Kay Wrassmann, Cincinnati  
 Joel Evans Wright, Youngstown  
 Norma Jean Wright, Elyria  
 George Edward Yund, Columbus

## College of Mathematics and Physical Sciences

Dean: Colin B. B. Bull

### Bachelor of Arts

Fifteen candidates

William Hedges Ballard, Columbus  
 Diana Lee Buckeye, Avon Lake  
 William Robert Carleton, Columbus  
 Nancy Duffey Edwards, Columbus  
 Stuart Zane Epstein, Skokie, Ill.  
 Martin Harvey Frantz, Stow  
 Joan Ann Gentry, Miamisburg  
 B.S.Ed.  
 James Douglas Grigger,  
 North Royalton, B.S.Ed.

Donald Erle Jolley, Lima  
 Ronald Edward Kenat,  
 Fairview Park  
 \*Craig Williamson Kramer,  
 Worthington  
 Joan Marie Miller, East Sparta  
 Stephen Douglas Sato, Columbus  
 B.S.  
 Catherine Anne Schambach,  
 Cleveland  
 \*\*Frederick M. Zeigler, Columbus

### Bachelor of Science

Sixty-eight candidates

Ralph Lambert Abell, Cincinnati  
 Kevin Lee Alexander, Maumee  
 Randall H. Ankrom, Quaker City  
 Phyllis Lynne Bean, Findlay  
 Karl Bennett, Worthington  
 Marvin Sanford Blank, Columbus  
 Charles William Boeder, Lima  
 Brian Boso, Moundsville, W. Va.  
 Robert Mark Boysel, Ridgeway  
 Thomas Michael Brewer,  
 Fairview Park  
 Timothy Gerard Brickner, Delphos  
 Courtenay Ann Cloran,  
 East Liverpool  
 Michael Anthony Costello,  
 Frankfort, N. Y.  
 William Dale Cox, Columbus  
 Charles Richard Craiglow, Louisville  
 Wayne Edward Culbertson, Columbus  
 James Lewayne Day, Whitehall  
 Dana Edward DeJohn, Lima  
 Nancy L. Dostal, Brecksville  
 Morris Edward Eberts, Columbus  
 Mary Katharine Egelhoff, Columbus  
 Robert Earl Ellis, Columbus  
 Kathy Lynn Forbes, Lockbourne AFB  
 Laura Helen Greene,  
 University Heights  
 Sarah Ann Grove, Springfield  
 Charles Edward Guthrie, Xenia  
 Frank Robert Harrison, Cincinnati  
 James Edward Hill, Jr., Newark  
 Richard Carl Immel, Jr., Columbus  
 Paul Edward Janis, Euclid  
 Stephen Robert Karnes, Columbus  
 Anthony James Knapke, Minster  
 Martin Arthur Kopacz, Ironton  
 John Bradford Lohse, Pomeroy  
 Charles Peter Marabella, Columbus  
 William Gregory Masterson,  
 Avon Lake  
 Richard Lynn McGinnis, Elyria

Allen Harris Miller,  
 Cleveland Heights  
 Terry William Miller, Harrisburg  
 Spencer David Mortensen, Columbus  
 Karen Jane Mower, Columbus  
 Steven Thomas Newell, Delaware  
 Robert George Nickol, Cincinnati  
 John Allen Pickens, Columbus  
 Michael Andrew Powell, Columbus  
 David Neil Radabaugh, Holgate  
 Jerry Dennis Riegel, Cincinnati  
 Robert William Ring, Clifton, N. J.  
 Roger William Rosenbeck, St. Henry  
 Lannie Dale Rowe, Proctorville  
 Larry Grant Samson, Columbus  
 B.A.  
 John Richard Santeler, Columbus  
 Earl Howard Sexton, III, Columbus  
 Greg Alan Shreve, Mansfield  
 Philip Dean Smith, Shadyside  
 Nancy Carol Spaan,  
 Middleburg Heights  
 Brian Duane Starr, Parma  
 Gary Kingsley Telecan, Norwood  
 Michael Scott Temple, Grove City  
 William Palmer Toppari, Columbus  
 Nathan Andrew VanDyke, Lima  
 Scott Edward Walters,  
 Lockport, N. Y.  
 David Allen Warner, Bowerston  
 Darryl Wayne Welch, Columbus  
 Carl Frederick Wellstead, Perrysburg  
 William Allen Young, Hyde, Pa.  
 Raymond Yurkewycz, Youngstown  
 Eric Lawrence Ziercher, Columbus

## College of Social and Behavioral Sciences

Dean: Franklin P. Kilpatrick

### Bachelor of Arts

Three hundred twenty-three candidates

Lauren Lynn Aguzzi, Armonk, N. Y.  
 †Linda Marie Andrasic, Mansfield  
 John Allen Archer, Westerville  
 Joyce Ann Armstrong, Hamilton  
 Arlene Sue Ascherman, Columbus  
 John Allen Ashe, Akron  
 Nancy Jean Ashton, Danvers, Mass.  
 Jean Ellen Aurand, Worthington

†Also Certificate of Graduate Dental Hygienist, College of Dentistry  
 \*Also Bachelor of Science in Education, College of Education  
 \*\*Also Bachelor of Music, Colleges of the Arts and Sciences

Dan Bacal, Lyndhurst  
Stanley William Baker, Cardington  
William Robert Barlow, Columbus  
Maryann M. Battaglia,  
Philadelphia, Pa.  
Marjorie Golden Bayer, Columbus  
Janice Carol Berezin,  
Lincolnwood, Ill.  
Michael Kelly Berlin, Glen Rock, N. J.  
Henry Louis Bernstein, Columbus  
Joan Marsha Black, Toledo  
Catherine Ann Blaha, Cleveland  
Gerald Francis Bohan, Columbus  
Bernard Gene Bonnem,  
Arlington Heights, Ill.  
Michael Joseph Bosela, Youngstown  
Edward Joseph Bourdeau,  
Syracuse, N. Y.  
Anne Bozickovic, Cleveland  
John Walter Bradford, Columbus  
Larry Fredrick Brandal, Columbus  
Jeffrey Alan Briscoe, Columbus  
Arthur Rutherford Brooks, Columbus  
Richard Reed Brooks, Mogadore  
James Lee Brown, Fairfield  
Laura Lynn Brunton, Columbus  
Gloria Jeanne Bryan, Columbus  
Richard Dale Buchanan, Toledo  
Vicki Reynolds Burlingame, Columbus  
Gerda Heim Buskirk, Columbus  
Steven Mark Butnik, South Euclid  
Michael Hiram Carpenter, Columbus  
John Hites Castle, Bedford  
Pauline Diane Cermak,  
Garfield Heights  
Deborah Loraine Chaconas, Newark  
John Joseph Champa, West Jefferson  
Stephen Eric Chappelear, Newark  
Claire June Chico, Columbus  
Thomas John Chordas, Columbus  
Drema Lynn Christian, Columbus  
John Michael Chrystal, Columbus  
Marilyn Anne Claar, Springfield  
B.S.Ed.  
Diana Lynn Cline, Dayton  
Judith Marie Cockerham,  
North Canton  
Christina Louise Coffey, Greenfield  
Philip Curtis Conti, Tenaflly, N. J.  
Richard Alan Cooper, Rocky River  
William Jay Cooper, Columbus  
Carol Beth Cotner, Columbus  
†Margaret Jenness Cotter,  
Traverse City, Mich.  
John Sarkis Coury, Canton  
Gary Steven Cover, Marion  
Brian Joel Cowan, Beachwood  
Clark William Cowles, Loveland  
Thomas Richard Cramer, Mt. Vernon

Robert Alan Crider, North Olmsted  
Lee William Crook, III, Wellsville  
Kevin David Cull, Columbus  
Darlene Dailey, Alliance  
Ric Daniell, Columbus  
Michael Ray Decker, Marion  
Paula Diane Dendiu, Youngstown  
Scott Evan Dewhirst, Morrow  
Barbara Brown Dooley, Columbus  
Carl Joseph Drago, Bronx, N. Y.  
Thomas Eugene Dysinger, Tipp City  
Richard Wayne Effinger, Willoughby  
Sharon Gail Ettinger, Columbus  
Margaret Jane Feigelson, Cincinnati  
James Alan Fetzer, Lima  
Roberta Ann Fischnich, Massillon  
Joseph Gregory Follansbee, Columbus  
Robin Doreen Forsythe, Medina  
Anthony Joseph Fortkamp,  
Maria Stein  
James Nicholas Foster, Newark  
Mark Louis Frankart, Tiffin  
David Edward Freel, Niles  
Robin Alan Fry, Columbus  
Jonathan Marc Galvin,  
University Heights  
Harold Dean Gibson, Oberlin  
Edith Kay Gilbert, Columbus  
Richard Allen Gill, Hebron  
William Thomas Gillespie, Jr.,  
Vincent  
Scott Tanner Gilmore,  
Shaker Heights  
Sam Lee Gletzer, Columbus  
Steven Edward Glickman,  
Roslyn, N. Y.  
†Jamie Glueck, Shaker Heights  
William Anthony Glynn, Springfield  
Rebecca Jane Gohmann, Portsmouth  
Gerald Richard Graham, Hebron  
Katherine Ford Graham, Columbus  
Debra Lea Grantz, Youngstown  
Gary Allen Green, Thornville  
Dennis Bruce Greenberger,  
Cleveland Heights  
David Ivan Greenfield,  
East Orange, N. J.  
Dennis Donald Grey, Columbus  
John Wesley Griffith, Amlin  
Karl William Gruber, Willoughby  
Helen Jessie Gurney, Columbus  
†Nancy Gassen Guzzo, Reynoldsburg  
Andrew Royden Gyourko,  
West Carrollton  
Thomas Harry Haggerty,  
Tucson, Ariz.  
Jane Terry Haltiwanger,  
Gaithersburg, Md.  
Marolyn Renee Halverson, Columbus

Dru Ann Hancock, Trotwood  
Gary Bruce Hanfling,  
East Meadow, N. Y.  
Richard C. Hannon, Jr., Carrollton  
Stephen John Hauser, Columbus  
Beverly Joyce Hawkins, Dayton  
Douglas Earl Heaton, Columbus  
Thelma Helberg, Wilmette, Ill.  
Sharon Lynne Hengen,  
Highland Heights  
Hector Hernandez, Columbus  
Robert Lee Herron, Salem  
Lidia Myroslava Hishynsky, Parma  
Miron Hnylka, Lorain  
Jay Stanley Hobgood, Tuscaloosa, Ala.  
Herbert Lee Holzman, Skokie, Ill.  
Wendy Susan Howard, Columbus  
Debra Ann Hughes, Columbus  
James Charles Humphrey, Columbus  
Robert Michael Hutzelman, Hamilton  
John Edwin Isome, Cincinnati  
Nancy Simon Jackson, Centerville  
Laurence Scott Jacobs, Canton  
Roxanna Marie Jones, Columbus  
Scott Lester Jones, North Olmsted  
Steven Carl Jones, Columbus  
Kathleen Walker Karaffa, Columbus  
Marcy Ann Kaufman, Merrick, N. Y.  
Robert Douglas Keiser, Toledo  
Robert Kent Kelly, Butler, Pa.  
Linda Joyce Kerekes, Walton Hills  
Sharon Lee Kettelman, Worthington  
Wesley Scott Kibler, Bucyrus  
Mark Alan Kircher, Rocky River  
Stephen Matthew Klevay,  
Independence  
Brian Dustman Knoef, Dayton  
Gregory Paul Koehler, Springfield  
Dale Martin Kramer, Shaker Heights  
†Deborah Anne Kuhman, Toledo  
Jane Beryl Kutler, Columbus  
Stanford Hayden Lampe,  
Lexington, Ky.  
Stephen William Lang, Columbus  
Wallace William Lansberry,  
Columbus  
†Janice Jean Large, Newark  
Cynthia K. Lee, Rutherford, N. J.  
Joan Penny Leeb, South Euclid  
Kathy Lou Lemley, East Palestine  
Jason Robert Levine,  
University Heights  
Edward Jay Lipkin, Lynbrook, N. Y.  
Donna Knight Little,  
Ypsilante, Mich.

† Also Certificate of Graduate Dental  
Hygienist, College of Dentistry

Arnold F. Lizan,  
North Woodmere, N. Y.  
George Lynas Long, Columbus  
Kenneth Donald Long,  
North Olmsted  
Bruce Roy Lowry, Columbus  
Helene Gail Lutscher, Shaker Heights  
Deborah Marie Manchester, Niles  
Carlton Parks Marcus, III,  
Dundee, Ill.  
Randall Gene Martz, Columbus  
Janis Mary Mascolino, Steubenville  
Dennis Michael Matko, Columbus  
Richard Craig Maurer, Somerset  
\*Susanne Marie Maxim, Enon  
Kathy McCarthy, Dayton  
J. Luke McCormick, Columbus  
James Edward McDowell, Cincinnati  
†Penny Lou McElwee, Delaware  
Ronald Anthony McGinnis,  
Youngstown  
Roberta Lynne McIntire, Brilliant  
Patrick Archibald McKendry,  
North Olmsted  
Roger Michael McKinley, Findlay  
Stephen Wilson Meagher, Columbus  
Robert Lansing Melville, Rocky River  
Christopher Richard Meyer, Columbus  
Thomas H. Meyer, Columbus  
Denise Marie Miller, Enon  
Karen Patrice Miller, Columbus  
Tommie Sharp Miller, Columbus  
Janet Helen Minor, Worthington  
David Charles Mitchell, Marion  
Timothy Kurtz Mitchell, Columbus  
\*Karen Ann Moran, Mansfield  
Michael William Mowery, Tiffin  
Joanne Kay Musch, Cuyahoga Falls  
Cathy Fran Nager,  
East Meadow, N. Y.  
Linda Lee Nelson, Willowick  
Laurel Ann Nemitz, Reynoldsburg  
Lenore Cecile Neumann,  
Jamaica, N. Y.  
Roberta Irene Nickol, Cincinnati  
Mark Allen Nordstrom, Cincinnati  
Michael Kevin Nunner, Cincinnati  
Steven Stan Obremski,  
Brooklyn, N. Y.  
Elizabeth Ohle, Cleveland Heights  
Kwok Tow Ong, Blythe, Calif.  
Barbara Jean Onutz, Cleveland  
Sue Ann Orinski, Columbus  
William Donald Overbey, Columbus  
Deborah Jean Owen, Garrettsville  
James Michael Palm, Hebron  
†Marianne Parker, Pittsburgh, Pa.  
Anna Yvonne Parks, Dayton  
†Joanne Margaret Peer, Dayton

Nancy Lyn Pelligra, Cuyahoga Falls  
Nancy Ann Penovich, Canton  
William Patrick Peoples, Euclid  
Wendy Perkins, Cincinnati  
Thomas Michael Phillips, Columbus  
William John Phillips, Berlin Heights  
Laura Goldsborough Phinney,  
Mission Hills, Kan.  
John Allen Porter, Mansfield  
Mark Potnick, Bridgeport  
Susan Leigh Pratt,  
Wilmington, Del.  
Cecil Edwin Price, Jr., Columbus  
Walter Scott Pritchard, Aurora  
Fredric Paul Provenzano, Columbus  
Lorraine Kolb Quinn, Columbus  
Robin Spencer Quinn, Columbus  
Roberta Faye Raeburn,  
Flushing, N. Y.  
\*Janet Karen Ransom, Columbus  
Bruce Alfred Rappoport, Columbus  
Nathan Ray Rausch, Marysville  
Kevin Joseph Reis, Columbus  
Jennifer Lynn Rizer, Westerville  
Carol Ann Robinson, Cleveland  
Scott Edward Robinson, Columbus  
Randall William Rollyson, Columbus  
Patricia Beth Rosen, Cincinnati  
John Alfred Rosenfield, Columbus  
John Francis Rotilie, Akron  
William Francis Rowe,  
Canal Winchester  
Mark Wilson Rupert, New Waterford  
Douglas Alan Russell, Columbus  
William Patrick Ryan, Cincinnati  
William Lawrence Sanders, Columbus  
William M. Schaefer, Parma  
Randy John Schaerf, Columbus  
Deborah Ellen Schipper, St. Marys  
Mark Ronald Schweikert, Cincinnati  
Joseph Anthony Sedlak, Chagrin Falls  
Michael James Seekford,  
Tremont City  
Jeanette Carol Seeman, Columbus  
Michael Anthony Senatore, Bellaire  
Warren Phillip Settles, Jr.,  
Reynoldsburg  
Pamela Jean Shones,  
Richmond Heights  
Eugene Robert Shultz, Columbus  
Carol Lois Shuttleworth, Columbus  
Gary Lee Siefker, Russells Point  
Jerry Alan Siegel, University Heights  
Marianna Sigmier, Youngstown  
Andrea Jean Simon, Columbus  
Charles Robert Simpson,  
Cuyahoga Falls  
Anthony Alexander Skunza, Columbus

Jimmy Lee Smith, Columbus  
William Franklin Smith, Garrettsville  
Walter Sodik, Canton  
Peter Joseph Souch, III, Columbus  
Nancy Lou Sponseller, Columbus  
Jon Robert Spring, North Canton  
Robert Dale Stacy, Lebanon  
Peggy Diane Stadler, Massillon  
Janet Marie Stanford, Toledo  
Stephen Alan Stein, Plainview, N. Y.  
Walter Eugene Stevens, Jr., Cleveland  
†Sharon Ruth Stoner, Akron  
Thomas Austin Stout, Portsmouth  
Deborah Lynn St. Pierre, Dayton  
Norman Charles Straker, Columbus  
Pamela Sue Stroud, Columbus  
Deborah M. Sullivan, East Palestine  
Frank Daniel Talleda, Apple Creek  
Pamela Joyce Taylor, Columbus  
Merle Ann Teitelbaum, Chicago, Ill.  
Leslie Bryna Terkel, Beachwood  
Sara Sue Tetlow, Toledo  
David Louis Thompson, Findlay  
Sandra Jo Tillett, Mantua  
Emilene Davis Tooker, Columbus  
Robert Ward Trafford, Columbus  
John Robert Trotter, Jr.,  
Parma Heights  
Shelley Mona Turk,  
West Orange, N. J.  
Norman Jay Ullom, Columbus  
Jeffrey Henry Ungar, Columbus  
Laurie Diane Urlaub,  
West Hempstead, N. Y.  
Richard Allen Utz, New Washington  
Joyce Kay Valentine, Circleville  
Eric John Vehr, Cincinnati  
Edward William Vinocur, Columbus  
Vickie Lynne Voeller, Worthington  
Dexter Alan Volpe, Columbus  
John William Walker, Mansfield  
Timothy Richard Wallace, Columbus  
Amy Jane Walters, Warren  
Thomas Nathaniel Warren,  
Springfield  
Samia Elise Warwar, Dayton  
David Martin Watkins, Jr.,  
Reynoldsburg  
Michael Douglas Watson, Columbus  
John Joseph Webb, Columbus  
Marilyn J. Webster, Grove City  
William Barry Weiss, Beachwood  
Donald Freeman Westra, Jr.,  
Columbus  
James Frederick Whaley, Grove City

\* Also Bachelor of Science in Education,  
College of Education  
† Also Certificate of Graduate Dental  
Hygienist, College of Dentistry

William Steven White, Columbus  
 Jeffrey Wayne Whiting, Kettering  
 Roger William Whittaker, Solon  
 Dennis Ray Wilcox, Willard  
 Linda Ann Wilkins, Columbus  
 James Dean Williams, Heath  
 Lee Allen Williams, Canton  
 Vernon Keith Williamson, Columbus  
 Dennis Patrick Wirtz, Canton  
 Scott Thomas Wolfe, Gahanna  
 Gary Furlen Woods, Youngstown  
 Stephen Lee Wygle, Marion  
 Jerome Alan Young, Columbus  
 Dennis Paul Zawacki,  
 Vandergrift, Pa.  
 Patricia Louise Zelazny, Akron  
 Donald John Zelenka, Akron  
 Eugene Dennis Zoldesky,  
 New Rochelle, N. Y.

#### **Bachelor of Science**

Fifty-two candidates

Robert Charles Baker, Columbus  
 Jeffrey Douglas Baumel, Chester  
 Charles Otto Benz, II, Massillon  
 Charlotte Louise Block, Joliet, Ill.  
 James Allen Boysen, Columbus  
 William Nelson Bulger, Hilliard  
 Ian Cooper, Little Neck, N. Y.  
 Catherine Theresa Coridan, Columbus  
 Melinda Ann Crim, Indianapolis, Ind.  
 James Thomas Cypher, Columbus  
 B.A.  
 Peter Michael DiGiulio, Medina, N. Y.  
 Patrice Sue Dunlap, Grove City  
 Luis Thomas Duran, Findlay  
 Karen Sue Fries, Youngstown  
 Marjorie Yvonne Gault, Coshocton  
 Neil Richard Gilliland, Wheelersburg  
 James Elwin Goranson, Toledo  
 David Milan Grubich, Steubenville  
 John Ricky Hall, Columbus  
 Mark Duane Hefty, Canton  
 Ann Irene Hochman, Ithaca, N. Y.  
 Joan Kathleen Hoff, Warren  
 Richard Jeffrey Hopkin, Columbus  
 William Lee Howard, Columbus  
 Kenneth H. Kauffer, Dublin  
 Rosalie Ida Keffalas, Mansfield  
 Robert David Lackner, Hamilton  
 Joseph Scott Lampert, Columbus  
 Patrick Michael Lenahan, Cincinnati  
 Anita Ries Lilburn, Columbus  
 Harriet Louise Maccracken,  
 Columbus  
 Jill A. Dominique Magnant, Columbus  
 Donald Ray Miller, North Olmsted

William Waitte Parker, III, Kettering  
 Mary Christine Paxson, Fremont  
 Evan Jerome Phillips, Jr., Columbus  
 Sheryl Lee Prince, Columbus  
 Reta Ann Prosser, Mansfield  
 Deborah Ann Reynolds, Columbus  
 John H. Rosemond, Jr., Columbus  
 Ira Wayne Rosen, Columbus  
 David Alan Rosenberg, Lyndhurst  
 Mark Arthur Rowland, Massillon  
 David Steven Sheaves, Columbus  
 John Davenport Shoemaker,  
 Springfield  
 Joseph Michael Sousaris,  
 North Canton  
 Raymond Sprogis, Columbus  
 David Coleman Tisdale, Columbus  
 Robert Alan Waldman, Beachwood  
 Leah Jane Watson, Columbus  
 Walter Eugene Weber, Middletown  
 John Gordon Whittier, Columbus

#### **School of Journalism**

##### **Bachelor of Arts in Journalism**

Fifty-nine candidates

Robert Thomas Beaman, Groveport  
 Loren Louis Braverman, Columbus  
 Robert Fredrick Bremer,  
 Reynoldsburg  
 Ernest Albert Brown, Youngstown  
 Bonnie Joy Chavin, Skokie, Ill.  
 Michael David Chern, Hilliard  
 Celeste Ann Choice, Dayton  
 Jacqueline Dee Cohen, Pittsburgh, Pa.  
 Eric William Davis, Marion  
 Laura Ann Diesing, Bay Village  
 Valerie Anderson Dobbs, Columbus  
 David Philip Dussing, Cleveland  
 Lynn Yoxtheimer Eib, Columbus  
 Marilyn Lois Elwer, Fort Jennings  
 Richard Wayne Ferris, Lakeville  
 Jon Patrick Fobes, Kingsville  
 Patricia Gilkey Frey, Cincinnati  
 Timothy Ray Gaffney, Dayton  
 Joseph Stephen Gallagher, Troy  
 Craig William Gervason, Columbus  
 Jennifer Jessica Hedges,  
 Allison Park, Pa.  
 Michael Allen Heinzman, Columbus  
 Barry Michael Horstman, Cincinnati  
 Victoria Elizabeth Jackson,  
 Chagrin Falls  
 Karen Linser Johnson, Columbus  
 Anne Roberta Kavan, Lyndhurst  
 Andrea Jean Keliar, Glenshaw, Pa.  
 Janet Anne Kemper, Lakewood

Robert Michael Kerr, Troy  
 Margaret Elizabeth King, Columbus  
 William Forest Kirby, Snellville, Ga.  
 Daniel Richard Kleps,  
 Richmond Heights  
 Jo Ann Kovach, Cincinnati  
 Denise Cheryl Lee, Beachwood  
 Mark E. Lippencott, Irwin  
 James Wells Lloyd, Alexandria  
 Diana Lynne Mardis, Cincinnati  
 Edward Allen Mayer, Ashtabula  
 Robert Ellis Mazzerov, Columbus  
 Wolford Massie McCue, Columbus  
 Dale Michael Meggas, Cleveland  
 James Lawrence Mickey, Canton  
 Carole Ann Nance, Columbus  
 John Danbridge Outland, Laura  
 James Pozzuoli, Brooklyn, N. Y.  
 Michael Romick, Lorain  
 Eloise MacDonald Ross, Willoughby  
 Michael Hugh Ryan, Columbus  
 Lorrie Anne Secrest, Cambridge  
 Calvin Michael Straker, Columbus  
 Jeffery Christopher Sumskis, Hudson  
 David Andrew Swiderski, Brook Park  
 Susan Mary Szollosi, Newark  
 Martin Ira Tackitt, Columbus  
 Howard Cypress Task,  
 University Heights  
 Jon Percy Thomas, Cleveland  
 Rita Ann Weinman,  
 Chattanooga, Tenn.  
 Larry Leroy Yawn, Columbus  
 Sheldon Howard Zoldan, Youngstown

## College of Administrative Science

Dean: James R. McCoy

### Bachelor of Science in Business Administration

Two hundred seventy-two candidates

Robert Barnes Abbott, Chicago, Ill.  
Martin Neal Ackerman, Cincinnati  
Barry Mark Adelman, Canton  
Kenneth Eugene Art, Celina  
Scott Alan Axelrood,  
Highland Park, Ill.  
Ronald Edward Baker, South Euclid  
Charles Leslie Baldwin, Hillsboro  
Kim Charles Barnett, Columbus  
Donald John Baumann, Parma  
Teresa Helene Bavetz, Columbus  
Thomas Lee Baxa, St. Clairsville  
Robert Eugene Beach, Findlay  
Kenneth Justin Beck, North Olmsted  
Stephen Richard Bedell, Stow  
Larry Joseph Bellman, Leipsic  
Bruce Edward Bennett, Findlay  
Bruce Stephen Beyer, Columbus  
Jay Randall Beyer, Columbus  
Mitchell Edward Bitting,  
Middleburg, Pa.  
Earl Albert Borths, Cincinnati  
Douglas Robert Bothe, Centerville  
Robert William Bouvé, North Olmsted  
John Craig Bovenizer, Cadiz  
William Lee Bowen, Marion  
Lowell Thomas Bowers, Greenville  
Garry Michael Bowman, Findlay  
Robert Francis Brado, Lexington  
Robert John Braski, North Madison  
John Harvey Brewer, II, Hilliard  
David Allen Brown, Columbus  
Kenneth Stanley Brown, Wooster  
Mark Michael Brutto, Camp Hill, Pa.  
Robert George Bryden, Steubenville  
Peter Harold Bura, Lakewood  
Frederick Dean Burden,  
Fredericktown  
Andrew Jay Burkholder, Bluffton  
James David Butler, Grove City  
Robert George Byrom, Niles  
William Harold Callahan, Westerville  
Steven Charles Carmean, Dunkirk  
Larry Alan Carter, East Liverpool  
Thomas Kenneth Cheney, Troy  
Roger Owen Cherubini, Newark  
Robert Childs, Jr., Columbus  
Robert Charles Cindric, North Canton  
Daniel Alan Cores, Coshocton  
Charles Bert Corlett, Shaker Heights  
Joseph Christopher Corry, Zanesville  
Allan Whitfield Cox, Jr., Sylvania  
Timothy W. Cox, Grove City  
Thomas Michael Coyle, Sandusky

Nancy Ellen Crawford, Coshocton  
Theodore Wayne Cremeans,  
Magnetic Springs  
Paul Richard Crites, Wintersville  
Edward Joseph Cullman, Columbus  
Thomas Franklin Cunningham,  
Columbus  
Carl Howard Davis, Ionia, Mich.  
Donald Lee Davis,  
District Heights, Md.  
Donald Dwight Dean, Jr., Marathon  
Jeffrey Lynn DeMent, Macedonia  
Michael Edward Diller, Cincinnati  
Richard McClain Dodsworth,  
Columbus  
Jerel Lynn Donough, Marion  
James William Donnellon, Cincinnati  
Timothy Jon Donnelly, Cleveland  
Steven Paul Drefahl, Ashtabula  
Michael Francis Drennen, Springfield  
Jerry Zail Edelman, Lima  
Thomas Ray Eisert, Spencerville  
Terry Lee Elliott, Cincinnati  
James Franklin Elwood, Columbus  
William Arthur Enghausen, Columbus  
Jeffrey Stuart English, Chagrin Falls  
Marjorie May Engstrom,  
Grosse Pointe, Mich.  
Marc Ivan Eppler, Cleveland  
Randolph James Essell, Cincinnati  
Gary Lee Evans, Grove City  
Thomas George Falotico,  
Fair Haven, N. J.  
Harry Estel Ferris, Jr., Cincinnati  
James Douglas Feth, Sallineville  
David Michael Fierle, Lyndhurst  
Robert David Flacks, Dayton  
Steve Preston Foster, Waverly  
Daniel Joel Frankiewicz,  
Cheektowaga, N. Y.  
Randy Allan Gabor, Lorain  
Marc Preston Gertz, Akron  
Christopher Dean Ghiloni, Newark  
Donald Edward Ginsdraw, Akron  
Michael Israel Ginsberg,  
Plainview, N. Y.  
David Michael Givens, East Liverpool  
Peter Alan Goodwin, Columbus  
Joseph John Gornal, Columbus  
Barbara Feick Gregory, Sandusky  
Clifford Jay Gregory, Conneaut  
Ronald Bernard Gurr,  
Broadview Heights  
Karen Ann Halischak, Steubenville  
Michael Lynn Harding, Trotwood  
Richard Harsnett, Cincinnati  
Robert Lee Hartings, Celina  
Katherine Anne Hayes, Pepper Pike  
Neil Jerry Hellman, Rochester, N. Y.

Thomas Edward Deam Hicks,  
Columbus  
B.A.  
David Charles Hill, Wallingford, Pa.  
Roger Allan Hoey, Bremen  
George Scott Hofmeister, Salem  
Jeffrey Paul Hollis, Lakewood  
Michael Edward Holtzleiter,  
Cincinnati  
Randy Lee Homrighouse, Cortland  
Monica Starine Hoppe, Toledo  
William Joseph Hultzman, Parma  
Fred Wister Humes, Raleigh, N. C.  
Daniel Dickson Humrighouse,  
Gahanna  
Dennis Edward Hunter,  
Highland Heights  
Eric John Hutchison,  
Montville, N. J.  
JoAnn Kay Huttmacher, Sebring  
Heinz Erhard Ickert, Mansfield  
Gerald Aaron Jackson, Bellville  
Daniel Paul Jaykel, Elyria  
Dwight Alan Jeffrey,  
North Andover, Mass.  
Gary Ray Johns, Toledo  
Michael Francis Johnson, Mogadore  
Richard Irvin Johnson, Rocky River  
Evan Haydn Jones, Columbus  
Mark Stanley Kardish, Poland  
Raymond Mark Karol,  
Natrona Heights, Pa.  
George Christian Kees, Portsmouth  
Kim Howard Keller, Columbus  
Steven Carl Kelley, Trotwood  
Darin Gene Kendall, Worthington  
Stephen John Kiel, Union, N. J.  
John Patrick Kiener, Columbus  
Douglas Warren King, Kettering  
George Gregory King, Newark  
Walter Stephen Klevay, Jr.,  
Independence  
Idelle Kohn, Cleveland  
John William Konowski, McDonald  
James Kotagides, Canton  
Jeffrey Louis Kraker, Columbus  
Edward James Kraly, Lorain  
Gary Thomas Kubic, Youngstown  
Kyle Albert Kunst, Springfield  
David Arthur Lamneck, Mansfield  
Warren Elmore Langdon, Columbus  
Larry Bartlett Lauterhahn,  
Cuyahoga Falls  
Laura Ann Leslie, Worthington  
Robert Dorsey Lightie, Frankfort  
Charles Henry Litton,  
Phillipsburg, N. J.  
Ralph Giovanni Loretta, Columbus  
Raymond Lowe, Fairborn

James August Mackenbach, St. Marys  
 James Michael Malinowski, Shelby  
 Michael Frederick Malkowski,  
 Columbus  
 Dolores Jean Malley, Huntsville  
 Thomas Kent Manning,  
 Charleston, W. Va.  
 Jeffrey Stuart Marsh, Marysville  
 Larry Allen Martin, Mansfield  
 Paul Michael Marusiak, Akron  
 Raymond Edward Mason, III,  
 Worthington  
 Timothy Patrick McCabe, Columbus  
 Thomas Dale McCarley, Hillsboro  
 Christopher John McGath, Columbus  
 Robert Sherman McIntyre, Columbus  
 Daniel Joseph McKee, MacArthur  
 John Roy Mechlin, Jr., Columbus  
 Gary Lee Meyer, Toledo  
 Harold Wesley Miller, Jr., Marion  
 Daniel Anderson Miree, Cincinnati  
 Stan Monaco, Columbus  
 David Elwood Moore, Shelby  
 Gordon Fairle Moore II, Alton, Ill.  
 Gregory Dean Moreland,  
 Grafton, W. Va.  
 Donald Bruce Neuerman,  
 Shaker Heights  
 Charles Lynn Nord, Hubbard  
 Howard Jeffrey Osten, Rochester, N. Y.  
 John George Overturf, Richmond, Ind.  
 Patricia Ann Paulin, Euclid  
 Russell Edward Peck, Cleveland  
 Steven Ralph Perdue, South Zanesville  
 Bruce Cameron Perry, Middletown  
 Michael Enzel Pittman, Xenia  
 Christopher Polischuck, Greene, N. Y.  
 Danny Stanton Porter, Newark  
 Dennis Andrew Price, Mansfield  
 Douglas Robert Prittie, Aurora  
 Roger Allen Pulley, Westerville  
 William James Ralph, Delaware  
 Corinne Dryer Reilly, Columbus  
 Raymond George Rennebaum, Jr.,  
 Independence  
 Walter Allen Rice, Lisbon  
 Mary Clara Richmond, South Euclid  
 Randall Dale Ridenour, Bellville  
 Lloyd Riley, III, Columbus  
 John Duffey Roessler, Zanesville  
 James Patterson Rorick, Bucyrus  
 John Rosnick, Powhatan Point  
 Steven Edward Ross, Mansfield  
 Ronald James Rostas,  
 Garfield Heights  
 Arthur Flinn Royon, III,  
 Columbia Station  
 Steven Ruben, Cincinnati  
 Timothy Lee Ryan, Martinsburg

Stephen Michael Sample, Middletown  
 Gerald Carl Sautter, Mansfield  
 Joseph Mark Schirtzinger, Columbus  
 Donald James Schonhardt,  
 Reynoldsburg  
 Terence James Scott, St. Louis, Mo.  
 Robert Kent Sealscott, Van Wert  
 Dale Edward Semeniw, Perrysburg  
 Patricia Ann Shaffer,  
 Upper St. Clair, Pa.  
 Timothy Gene Shaw, Columbus  
 Douglas Hughes Sheffer, Sandusky  
 Robert Wayne Shively, Lewisburg  
 David Roy Shulman,  
 Valley Stream, N. Y.  
 Michael William Siegfried, Elyria  
 Stuart Jeffrey Simms, Cleveland  
 John Thomas Simpson, Euclid  
 Don Richard Smith, Fletcher  
 Ralph Edward Smucker, Plain City  
 Michael Joseph Speed, Cincinnati  
 Wayne William Spiegel, Bucyrus  
 David Bruce Spracklen, Springfield  
 Gary Charles Stahl, Zanesville  
 William Newell Stannard, Wellington  
 Michael Scott Steinberg,  
 New York, N. Y.  
 Scott Evan Stern, Roslyn, N. Y.  
 Robert Lloyd Stewart, Pittsburgh, Pa.  
 Thomas Lee Stober, Holgate  
 Mark Anthony Stoessner, Cleveland  
 Michael Keith Sutton, Wintersville  
 Gary David Swisher, Bucyrus  
 Robert Donald Taeuber, Cincinnati  
 John Stephen Teator, Marion  
 David Orlin Terrell, Painesville  
 Kenneth David Thomas, Brunswick  
 Barbara Jean Tokar, Vermilion  
 James Emmett Tompkins, Columbus  
 Gwendolyn Totterdale, Pleasant Grove  
 Joseph Frederick Traunwieser,  
 Mansfield  
 John Wilson Treleaven, Medina  
 William George Trivette, Kettering  
 James Michael Tucker,  
 Shaker Heights  
 Steven Paul Tvert, Shaker Heights  
 William Joseph Ujek, Jr., Flushing  
 Don William Utzinger, Kettering  
 Robert Willard Van Cleave, Columbus  
 Eros Pete Vladovich, Parma  
 Sam James Vogel, Fairfield  
 Jay Leslie Waltzman, Columbus  
 John Forest Waldorf, Jr.,  
 Reynoldsburg  
 Thomas S. Wallace, Delaware  
 Jeffrey L. Weber, Hershey, Pa.  
 Stephen Jay Weiner, North Olmsted

Keith Edward Weirick, South Euclid  
 Larry Edward Weis, Columbus  
 Barbara Ann Weissman, Beachwood  
 Alan Stone Wernick, Columbus  
 Mark Robert Wexler,  
 Hackensack, N. J.  
 Joseph Robert Whitley,  
 Succasunna, N. J.  
 Michael Joseph Wilk, Parma  
 Terry Robert Williams, Cincinnati  
 James Douglas Witherspoon,  
 Newmarket, Ont., Canada  
 Frank Wojcik, Parma  
 Jack Baldwin Wolfe, Columbus  
 Donald Eugene Wood, Columbus  
 Nancy Joan Wood, Parma Heights  
 Donald Edward Wright, Lima  
 Helen Wu, Cheshire, Conn.  
 Kenneth Eugene Yonker, Newark  
 Holly Christine Young, Brilliant  
 Richard Eugene Young, Heath  
 Stephen Joseph Yurasek, Columbus  
 John Frank Ziegler, Brunswick  
 Arthur Emerson Zoller, Lima

## School of Social Work

### Bachelor of Science in Social Welfare

Thirty-two candidates

Maureen Jane Bonace, Mansfield  
 Georgene Marie Bourdeau, Painesville  
 Kurt Edward Carmen, Lorain  
 Louise Agnes Clarke,  
 Wilmington, Del.  
 Claudia Jean Coatney, Dayton  
 Douglas Mark Davis,  
 East Rockaway, N. Y.  
 Thomas Ray Deringer, St. Louisville  
 Susan Beth Drittel, Westfield, N. J.  
 Carole Anne Ferell, Cleveland  
 Walter Franklin Fluellen, Jr.,  
 Columbus  
 Samuel Ellsworth Frowine, III,  
 Portsmouth  
 David Robert Gallagher, Lima  
 Karen Frances Goldstein,  
 Cleveland Heights  
 Patricia Ann Gow, Dover  
 Glen Douglas Hudson, Columbus  
 Linda Christine Hull, Newark  
 Christie White Kaufman, Akron  
 Joan Marie Koesterer, Stow  
 Frances Pace Lohrman, Lincoln, Neb.  
 Beth Ann Manring, Galion  
 Susanne Aikman McGough, Hilliard

## College of Agriculture and Home Economics

Dean: Roy M. Kottman

Mathew Joe Musgrave, Arlington  
 Marlena Kay Richards, Middletown  
 Christy Lynn Sand, New Philadelphia  
 Deborah Joy Shubouf, Columbus  
 Larry Frederick Steiger, Bucyrus  
 Sandra Schrier Stephenson, Bucyrus  
 Joanne Stern, Pittsburgh, Pa.  
 Karen Louise Stewart, Pittsburgh, Pa.  
 Sharon Andrea Stovsky, South Euclid  
 Linda Lee Urban, Painesville  
 Joann Ratza Werner, Columbus

### Bachelor of Science in Agriculture

Two hundred and fifty-six candidates

Mark Drew Allen, Hamilton  
 Joseph Eric Allomong, Edon  
 William Scott Anderson, Newark  
 Ronald Francis Baker, Sylvania  
 Cheryl Diane Bang, Cincinnati  
 David Milton Batteiger, Columbus  
 Janet Claire Bauer, Evans City, Pa.  
 Raymond Henry Beck, Pemberville  
 Jerry Dean Belcher, Marengo  
 Robert Hammill Bendé, Medford, N. J.  
 Robert Edward Bender, Prospect  
 Bruce Orval Benedict, Springfield  
 David Allen Beren, Cincinnati  
 Lucinda Berry, Milford  
 David William Bertram, Freeport  
 Mark Wayne Blaser, Cuyahoga Falls  
 Richard Marshall Boggs,  
     Washington C. H.  
 Charles Phillip Boone, Fredericktown  
 David Richard Bordner, Massillon  
 Carl Norman Bostick, Dayton  
 Bruce Richard Boucher, Bryan  
 Blair Alan Bower, Millersburg  
 Ray Don Brake, Milford Center  
 \*Donald Daniel Branson, II, Loveland  
 Charles Franklin Brett, Rocky River  
 Gary Allen Brehm, Swanton  
 Timothy Jason Bricker, Defiance  
 Peter Ross Brody, South Euclid  
 Richard Lee Brooks, Columbus  
 Charles Douglas Brown, Oak Hill  
 Thomas Fredrick Brown, Morral  
 Wayne Elliott Brown, Jr., Groveport  
 Joanne Buehner, Wickliffe  
 Keith Alan Buehrer, Fayette  
 Dennis Eugene Burns, Marysville  
 Samuel David Bury, North Royalton  
 Michael Lawrence Caldwell, Columbus  
 Robert Eugene Caughron, II, Akron  
 Wilbur David Chesser, Columbus  
 Dennis Lee Clark, DeGraff  
 David Linton Claypool, Lexington  
 Adrienne Roxanne Cole, Medina  
 James LeRoy Cole, Sidney  
 Carol Diane Collins, Van Wert  
 Linda Kenkus Collins, Cleveland  
 Robert Thomas Colson, Barnesville  
 John Jeffrey Conrad, Leetonia  
 Clifford Alan Cronkleton,  
     West Mansfield  
 Richard Patterson Crump, Piqua  
 Philip Louis Cunningham, Flushing  
 Ronald David Daniels, Fredericktown  
 Barry Danvers, McMurray, Pa.  
 Jeffrey Eugene Davis, Columbus

Michael E. Davis, Huntsville  
 Peter George DeFazio, Jr., Cincinnati  
 Thomas E. Denger, Xenia  
 Dallas Lamar Dick, Montpelier  
 Stevan Wayne Dittmer, Cincinnati  
 John Hall Donaldson, New London  
 Bruce William Downes, Magnolia  
 Thomas Daryl Dugan, McConnelsville  
 Donald Craig Durstewitz,  
     Waldwick, N. J.  
 Cathy Earman, Eaton  
 Gregory Marshall Elwood, Ada  
 Michael Eugene Engelhaupt, Quincy  
 Michael Edward Epp, Reynoldsburg  
 Jenny Marie Evans, Lafayette  
 William Richard Faber, Lancaster  
 Walter Scott Fargo, Ashtabula  
 Malcolm Lee Finney, Marshallville  
 Jay Vernon Fledderjohann, St. Marys  
 Mark Alan Forni, Clarington  
 Gary Michael Frey, Carrollton  
 Robert Eugene Frey, Ashland  
 John Robert Frost, Bloomingburg  
 Denise Marian Fuciu, North Canton  
 Ted Alan Gerber, Dalton  
 Richard Lee Gibbs, Columbus  
 Edward Anthony Giera,  
     Stanley, N. Y.  
 Ronald Bice Gillette, Waynesfield  
 Dail William Gracy, New Carlisle  
 Michael Allen Green, London  
 Karen Lynn Griffith, Pomeroy  
 James Worley Grim, Mt. Sterling  
 Warren Henry Gross, Mansfield  
 Scott Randall Harden, Logan  
 Cristin Beveer Harding, Ashland  
 Robert Earl Harris, Wakeman  
 John Shock Hellwarth, Celina  
 David Allen Hendricks, Wintersville  
 Lamar Hendricks, Columbus  
 James Albert Hendrix, Glendale  
 James Robert Henline, Gibsonburg  
 Jeffrey Alan Hewitt, Columbus  
 Benedict Lewis Heydinger,  
     New Washington  
 David Evan Hillgoss, Columbus  
 Gary Lee Hollenbacher, Sidney  
 Terrence Lee Holman,  
     West Alexandria  
 Claire Earl Howman, North Lawrence  
 Larry Philip Huber, Milford Center  
 John Peter Hudak, Jr., Cleveland  
 Thomas Vincent Huitger, Cincinnati  
 Douglas Edward Johnson, Cadiz  
 Donald Richard Kapper, Dalton  
 David Frederick Kapus, Canfield  
 James William Karr, Coshocton

\* Also Master of Science, Graduate School



Ricky Lee Keehner, West Chester  
 Philip Starn Keller, Norton  
 Harold Manley Kemp, Belmont  
 Patrick Joseph Keyes, Centerville  
 Cynthia Lee Kidd, Scio  
 Thomas John Klimkewicz,  
   Garfield Heights  
 Ronald Erwin Koestel, Westlake  
 Marcia Kay Kohring, Bloomingdale  
 Kathleen Helen Kosman,  
   North Royalton  
 Sharon Kay Krofft, Mt. Perry  
 Dennis Walter Kromer, Dayton  
 Philip Alan Kuhn, Elyria  
 Robert Dean Laughhunn, Dayton  
 John Phillip Lawyer, Mt. Gilead  
 James Elwood Leathley, New Carlisle  
 James Louis Lecso, Maple Heights  
 Neil Charles Lehnhart, Lucas  
 Gary Leroy Leibee, McDonald  
 \*Randall Alan Leis, Farmersville  
 James F. Link, Rossburg  
 John Noel Luechauer, Cincinnati  
 Carson Ewing Lugibihl,  
   Mt. Blanchard  
 Dwight Earl Lynn, Dresden  
 James Dwight Machwart, Coshocton  
 Paula Joan Mack, Parma  
 Brian Nelson Mansfield, Athens  
 Steven Lee Marker, Pleasant Hill  
 Michael Adam Martello, Wintersville  
 Michael D. Masny, North Ridgeville  
 Charles Allen Mautz, Marion  
 Thomas Michael McBride, Dresden  
 Mark Allen McCabe, Greenville  
 Roger Lloyd McCampbell, Camden  
 Daniel Lee McClain, Sycamore  
 Wendy Rae McCombs, Orrville  
 Richard Louis McKinnon, Carey  
 Jerry Gruber McMahan, Marion  
 Timothy Mendiola, Akron  
 Richard Manson Merrick,  
   East Rochester  
 Ralph Meeker Metzger, III,  
   Chillicothe  
 Gary Donald Miller, Edon  
 Paul Orville Miller, Lindsey  
 Terry Lee Miller, Convoy  
 James Donald Mohrman, Woodville  
 Michael Lee Montgomery, Brookville  
 Jeffrey Dunbar Morgan,  
   North Canton  
 Herbert Warren Morris, Xenia  
 Stanton Edward Moyer, Bellevue  
 William Lee Murray, Old Fort  
 Michael Martin Nolan, Wakeman  
 George Italo Notary, Struthers  
 Warren Frederick Outhwaite, Jr.,  
   Bucyrus

Dean Edward Palm, Wilmington  
 Jeffrey Renick Palm, Circleville  
 Steven Robert Palsgrove, Groveport  
 Gary Richard Parker, McCutchenville  
 Hettie Jo Parrish, Caldwell  
 J. Edward Parrish, Hebron  
 Jane Ann Pekarek, Cleveland  
 Stephen Anthony Perraut,  
   Hamersville  
 Beth Jane Peters, Lancaster  
 Jeannette Cohn Petten, Columbus  
 Franklin Jay Phelps, Belle Center  
 John Robert Phillips, London  
 David Emerson Plummer, Groveport  
 Daniel Krieg Pontious, Lancaster  
 Ricky Neal Pontius, Ashville  
 David Anthony Probst, Loveland  
 James Patterson Proctor, Kettering  
 Janalyn Prows, Middletown  
 Henry Clifford Puch, Rayland  
 William Edward Puchstein,  
   Columbus  
 Thomas Scott Raab, Lancaster  
 Walter Paul Ramseyer, Millersburg  
 Kevin Joseph Rapp, Dayton  
 Dan Dudley Reed, Hillsboro  
 Phillip Crabill Rhonemus, West Union  
 Dale Eugene Ricker, Fort Jennings  
 Gary Dean Robinson, Wintersville  
 Jean Ann Rohrer, Wadsworth  
 Christopher Lee Rose, Forest  
 Jan Lee Roston, Mansfield  
 Alan Jay Rummell, Carrollton  
 Donald Jerry Rupp, Wauseon  
 Robert Allen Sage, Chardon  
 Dennis Craig Sargent, Bradford  
 Ray Harold Saviers, Tallmadge  
 James Ronald Saylor, Belle Center  
 John Raymond Schmelzer, Columbus  
 Marc Leonard Schmidt, Cincinnati  
 Ralph Richard Schmidt, Mason  
 Roger Wayne Schrader, Logan  
 Barbara Lynn Schroeder, Toledo  
 Elroy Adolph Schroeder, Jr., Caldwell  
 Dale Edward Schurfranz, Hamilton  
 Walter Joseph Seifried,  
   Washington C. H.  
 Richard John Serva, Mogadore  
 Kenneth Allen Shafer, Findlay  
 Susan Jayne Sheehan, Lebanon  
 Gary Owen Shepcaro,  
   Port Washington, N. Y.  
 Mark Christian Shieldcastle,  
   Springfield  
 John D. Short, Stryker  
 Kent Eugene Short, West Unity  
 Mark Steven Siegel, Cincinnati  
 Norman Randolph Simpson, Berea  
 David Lloyd Smith, Marion

Myron Jeffrey Smith, Frazeysburg  
 Richard Lee Smith, Cadiz  
 Rodney Eugene Smith, St. Paris  
 John Ronald Smurda, Allentown, Pa.  
 Kenneth August Sommer, Minster  
 Paul Blaise Stashwick, Lafayette  
 William Christopher Stearn,  
   Flushing, N. Y.  
   B.S. (Western Kentucky State  
   College)  
 Keith Lawrence Stein, Bethel, Pa.  
 Douglas William Stone, Cincinnati  
 Michael Richard Stout, Grove City  
 Nancy Jo Stranahan, Willoughby  
 Clifford Gene Strine, Caledonia  
 James Edward Sullivan, Avon  
 Dennis Elmer Supe, West Chester  
 Jonathan Peele Terrell, New Vienna  
 Jeffrey William Tini,  
   Columbia Station  
 Anthony Mark Torsell, Springfield  
 Elaine Kay Toth, Avon  
 Max Lee Trachsel, Dunkirk  
 Dennis Frank Uhler, Findlay  
 Larry Joseph Ulrey, Cardington  
 Steven Elmer Vance, Mt. Sterling  
 Karen Louise Vesel, Mentor  
 Herman Lawrence Wagner, Greenville  
 Gordon Hayes Wallace, Bloomingdale  
 Mark Edgar Wallace, Hopedale  
 William Irvin Warner, Vickery  
 William Krigbaum Watkins, Jr.,  
   Belmont  
 Terry Ray Weiker, Republic  
 Deborah VanBrunt Wells,  
   Setauket, N. Y.  
 Richard Ray Wells, Zanesville  
 Marvin Leo Wente, New Bremen  
 Henry Werner, Chagrin Falls  
 Patrick Michael Wesley, Pataskala  
 Alice Marie Whistler, Dayton  
 Lynn Richard Whittlesey, Atwater  
 Gerald Ray Willet, Plymouth  
 Joseph Steven Williams, Van Wert  
 Elliott Wolf, Canfield  
 Michael William Wolpert, Amlin  
 Jon Thomas Wray, Byesville  
 Michael Earl Young, Leesburg  
 Ronald Craig Young, Van Wert  
 Steven Marc Zimmerman, Norwalk

#### **Bachelor of Science in Dairy Technology**

One candidate

John Patrick Misock, Mogadore

\* Also Master of Science, Graduate School

### **Bachelor of Science in Food Technology**

#### **Four candidates**

Glenn Michael Barnhart, Dayton  
Robert Kurt Buckman, Troy  
Michelle Howell, Columbus  
Dennis Wray Wine, Prospect

### **Bachelor of Science in Nutrition**

#### **Four candidates**

Richard Alan Black, Worthington  
Ronald E. Gutter, University Heights  
Mark Douglas Hillard, Bloomdale  
Carol Jean McGee, Mansfield

### **School of Home Economics**

### **Bachelor of Science in Home Economics**

#### **One hundred and seventy-four**

Sally Kathleen Abram,  
New Lexington  
Elizabeth Guy Adams, Milford Center  
Barbara Ann Agle, South Vienna  
Deborah Allen Ahern, Newark  
Linda Kay Albertson, Columbus  
Barbara Porter Alpers, Dayton  
Nancy Jane Anderson, Newark  
Beverly Kay Bacon, New Springfield  
Marjorie Katherine Bader, Troy  
Stephen Daniel Bailey, Van Wert  
Roberta Lynne Barnes, Columbus  
Toni Elaine Betchik, Parma  
Janet Lippencott Boggs, Irwin  
Bonita Martha Boz, Columbus  
Dixie Lynn Brown, Columbus  
Jana Lynn Brown, Columbus  
Joyce Elizabeth Bull, Xenia  
Hazel Thierry Burnett, Galena  
Karen Ann Bushong, Kenton  
Cathy Christine Carr, Lima  
Candis Ann Cartwright,  
Cleveland Heights  
Cheryl Barczak Chojnacki, Columbus  
Janet Price Christopher, Columbus  
Karen Ann Clark, Escanaba, Mich.  
Joann DeRupertis Cline, Columbus  
Deborah Christine Cochran,  
Mt. Vernon  
Carleen Gaylen Combs, New Richmond  
Judith May Converse, Leetonia  
Treva Nadene Cover, Nevada  
Jane Ann Cressor, Columbus  
Karen Ann Criswell, Columbus  
Pamela Lynn Croker, Worthington  
Gail Switzer Curtis, South Euclid  
Denise Elaine Darling, Perrysville  
Nancy Helmlinger Dill, Sidney  
Martha Ellen Druga, Farmdale  
Lynn Ululani Duncan,  
Honolulu, Hawaii  
Sharon Kathleen Dwyer,  
North Canton  
Cynthia Anne Edger, Grove City  
Susan Lynn Eidler,  
Searingtown, N. Y.  
Carolyn Sue Elleman, Eaton  
Mona Kaye Elsass, Sidney  
Barbara Ann Engel, Kettering  
Katherine Elaine Ernzer,  
Carnegie, Pa.  
Kay Lynn Eshenfelder, Columbus  
Lynn Sappie Esselstein, Alliance  
Jill Ann Eversole, Baltimore  
Estelle Hunter Fark, Marion  
Pamela Dean Farnsley, Dayton  
Debra Lee Fauley, Crooksville  
Leora Scherrell Fish,  
Columbia Station  
Barbara Jane Foster, Springfield  
Deborah Kay Foster, Pickerington  
Jill Ann Fredericks, Grove City  
Rhoda Elaine Gaffin, Trotwood  
Rebecca Sue Garrison, Clarksburg  
Martha Sue Gaumer, Columbus  
Katherine Louise Gehring, Columbus  
Marla Golofsky, Rock Island, Ill.  
Deborah Jean Good, Logan  
Deborah Ann Gottschalk, Port Clinton  
Karyn Elaine Gregory, Cincinnati  
Margaret JoEllen Grimes, Kenton  
Rose Schaffner Habrun, Fayette  
Wudnesh Hailu,  
Addis Ababa, Ethiopia  
Alice Ann Hale, Springfield  
Barbara Lee Hancock, Trotwood  
Christine Denise Hardy, North Canton  
Michelle Lynn Harrison, Cincinnati  
Jane Pundermark Hart, Conneaut  
Rita Sue Hart, Mt. Gilead  
Elizabeth Slater Henry, Columbus  
Carole Ellen Hermon, Lima  
Joanne Margaret Hesseling, Delphos  
Susan Robison Hicks, Columbus  
Janet Delaine Hill, Dayton  
Maxine Ruth Hiltbrand, Salem

Carol Eleanor Hoffman, Boardman  
Barbara Ann Holt, Cleveland  
Sarah Hulbert, McArthur  
Anne Christine Hummell, Brice  
Marilyn Sue Isler, Prospect  
Pamela Kay Jackson, Atwater  
Rebecca Lee Jackson, Carroll  
Laura Faye Janis, Shaker Heights  
Jacqueline Lee Jones, Mansfield  
Janet Helen Jones, Cincinnati  
Cheryl Lynn Kato, Lyndhurst  
Joy Ellen Keller, Eaton  
Deborah Ann Kilbarger, Baltimore  
Kathryn Louise Knight, Englewood  
Patricia Ann Koralewski, Toledo  
Cynthia Christine Kuhse,  
Mt. Prospect, Ill.  
Lillian Tanenbaum Kurucz, Columbus  
Gloria Jean Kushner, Rocky River  
Lynette Sue Lacy, Enon  
Marcia Murray Lawyer, Mt. Gilead  
Wanda LaNette Layne, Columbus  
Cathy Susan Lee, Suffern, N. Y.  
Deborah Joyce Leggett, Columbus  
Nancy Ellen Lemmel, Shiloh  
Diana Jean Lett, Millersport  
Susan Jeanne Lohn, Westlake  
Joan Ruth Mackenbach, Celina  
Leslie Fern Margolis, Pepper Pike  
Cheryl Mae McConnell, Oberlin  
Janet Galloway McCormick, Dublin  
Cert. Grad. Dent. Hyg.  
Elizabeth Ann McCullough,  
Ames, Ia.  
Wendy Jean McGee, Warren  
Mary Marguerite McGlew, Marion  
Rachel Kathleen McKee, Gambier  
Carol Ann McKibben, Westlake  
Nancy Jean McNeal, Columbus  
Patricia Jo Meyer, Manchester  
Mary Katherine Miller, Columbus  
Jana Lynn Mokry, Lebanon  
Catherine Susan Montell, Columbus  
Janet Marie Neargarder, St. Marys  
Jean Lonette Newton, New Lexington  
Constance Evelyn Nicholas,  
Babylon, N. Y.  
Mary Janet Oswald, Cincinnati  
Leslie Glick Parsons, Cincinnati  
Susanne Smith Pasqualine, Sandusky  
Susan Leslie Pluto, Toledo  
Deborah Eileen Poling, Dunkirk  
Karen Melissa Price,  
East Lansing, Mich.  
Sara Elizabeth Rank, Zanesville  
Kathleen Ellen Rochford, Akron  
Diane Beverly Roth, Hannibal  
Judy Ann Rowland, Wellington  
Rita Ann Rowland, Bellevue

Anne Elizabeth Rusnak, Parma  
 Suzanne Margaret Rybak, Columbus  
 Mark Anthony Salter, Elyria  
 Toni Marie Salvaterra, Columbus  
 Karen Louise Scholl, Franklin  
 Carolyn Marie Scott, Lakewood  
 Eileen Scott, Columbus  
 Nancy Ellen Shaffer, Columbus  
 Karen Ripley Shields, Tippecanoe  
 Karen Ann Siefert, Columbus  
 Beverly Jefferson Sieling, Columbus  
 Martha Hyme Skeeles, Lancaster  
 Susan Elaine Smith, Columbus  
 Catherine Joan Sommers, Urbana  
 Jean Sue Spindler, Hilliard  
 Gwendolyn Stanczyk, Cleveland  
 Glenna Louise Starr, Columbus  
 Beverly Jean Stoltz, Wauseon  
 Janice Kate Stowell, Portsmouth  
 Michelle Diane Strayer, Waterville  
 Marilyn Louise Streng, Columbus  
 Diane Lurvey Synko, Columbus  
 Jacqueline Lee Thompson, Sardis  
 Janice Faye Thordsen, Cedarville  
 Linda Carol Uchitel, Mayfield Heights  
 Gayle Lorraine Vargo, Cleveland  
 Beth Ann Varian, East Canton  
 Janet Lynn Vyrostek, West Richfield  
 Patricia Lynne Wagner, Steubenville  
 Martha Jane Wahl, Castalia  
 Dawna Jo Walker, Thurman  
 Barbara Jean Walz, Columbus  
 Betsy M. Wasserstrom, Columbus  
 Gloria Ann Watkins, Akron  
 Joyce Ann Watts, Killbuck  
 Kathy Ann Waugh, Columbus  
 Marie Therese Welch, Worthington  
 Rebecca Ellen Wenger, Delaware  
 Christina Kay Wilburn, Portsmouth  
 Jan Windsheimer, Bridgeport  
 Laurie Lynn Wolanski, Solon  
 Catherine Heinrich Wood, Lafayette  
 Elizabeth Ann Yowler, South Vienna

#### **Bachelor of Science in Restaurant Management**

Eight candidates

Gary Warren Darling, Chardon  
 Bruce Martin Eyler, Bay Village  
 A.B. (Ohio University)  
 Holly Elizabeth Gifford, Zanesville  
 Robert Jay Iafelice, Wadsworth  
 Alan Richard Jaffe, Shaker Heights  
 David Joseph Louy, Toledo  
 Jeffrey Thomas Rowand, Lima  
 Laura Shockley Rowand, Bryan

#### **School of Natural Resources**

##### **Bachelor of Science in Natural Resources**

Eighty-two candidates

Scott Allen Allison, Millersburg  
 David Craft Bailey, Vandalia  
 Denton Ober Baumbarger, Delaware  
 Lyle Edward Real, Bucyrus  
 David Christian Bohl, Wooster  
 Nelson Ray Bostic, Jr., Gallipolis  
 Stacy Allan Brehm, Columbus  
 Robert Allen Brown, Jr., Columbus  
 Karl Douglas Burch, Columbus  
 Peter Henry Butchko, Lakeside  
 Connie Lynn Chambers, Columbus  
 James Harley Chisman, II,  
 Westerville  
 Sheila Jo Clark, Lima  
 Randall D. Collins, Chillicothe  
 Michael Steven Cornett, Middletown  
 James Alan Cox, Grove City  
 Michael Forest Davault, Orrville  
 Taylor Amos Davis, Jr., Otway  
 Thomas Lynn Davis, Kingston  
 Richard Pearson DeNise, Jr., Solon  
 Robert Clark Dowler, Columbus  
 John Michael Egan, Red Bank, N. J.  
 Susan Elaine Evans, Amsterdam  
 Timothy Logan Evans, Lyndhurst  
 Rodney Lee Gebby, Marion  
 James Henry Given, Jr., Westlake  
 Keith Eric Golden, Cranston, R. I.  
 Robert David Golias, Garfield Heights  
 Bernard Thomas Hamilton,  
 Springfield  
 Thomas Jay Harrod, Akron  
 Terrence Alan Householder, Celina  
 Douglas Linn Johnson, Springfield  
 Anthony Kenneth Kokal, Euclid  
 Martha Mary Kollstedt, Cincinnati  
 William Earl Lehman, Fostoria  
 David Earl Lieser, Dover  
 Lawrence Raymond Lisy,  
 Broadview Heights  
 Dale Francis Marande, Columbus  
 John Hugh Marshall,  
 Jacksonville, Fla.  
 William Alfred May, Columbus  
 George William McFadden, Scio  
 Thomas Alan Messerall, Madison  
 Frank Richard Miller, Columbus  
 Gerard Lee Miller, Lima  
 Michael Gregory Mocniak, Toledo  
 John Edwin Monce, Jr., Tipp City

Philip Charles Morlock, Euclid  
 Thomas Lee Noland, Ridgeville  
 Steven Edward O'Hearn, Dayton  
 Lesley Arthur Paciorek, Columbus  
 Daniel Edward Packa, Canton  
 William Pryor Papworth, Bay Village  
 Michael Joe Pittman, Fairborn  
 Thomas Quick, Dayton  
 Douglas Alan Ralph, Cincinnati  
 Russell Alan Rebertus, Columbus  
 Dana Joe Reed, Columbus  
 Michael Lewis Reeves, Loveland  
 Daniel Thomas Riestenberg,  
 Cincinnati  
 Thomas Edward Robertson, Columbus  
 Alan Roger Ruffell, Findlay  
 Richard Joseph Sanders,  
 Richmond Heights  
 Karen Ruth Schaeffer, Bellevue  
 Daniel Thomas Schneider,  
 Worthington  
 Dennis Clifford Selm, Cincinnati  
 Robert Stephen Seymour, Columbus  
 Richard Leroy Shank, Columbus  
 Jack David Shrimplin, Jr., Medina  
 David Paul Smith, Cincinnati  
 John Charles Souhrada,  
 Maple Heights  
 Judith Marie Staiger, Worthington  
 David Fredrick Stites, Delphos  
 Andrew P. Todd, Columbus  
 Marsha Kay VanScoy, Columbus  
 Jane Catherine Warner, Worthington  
 James Alan Watts, Columbus  
 Jack Douglas Webb, Portsmouth  
 Thomas Reese Williams, Berea  
 Dennis Eric Witsberger, Delaware  
 Barbara Ann Wooldridge, Lancaster  
 Jerry Lynn Wooten, Minford  
 Stephen Allan Youngen, Kettering

#### **Agricultural Technical Institute—Wooster**

##### **Associate of Applied Science Degree**

One hundred and six candidates

Rickey Ray Allred, Tipp City  
 Paulette Marie Aukeman,  
 South Vienna  
 Steve Earl Ayers, Perrysville  
 Neal Wayne Baker, Wooster  
 Donald Edwin Ballard, Norton  
 James Frederick Beck, Pemberville  
 Roger Alan Bollinger, St. Paris

Cynthia Louise Bradnan,  
Columbia Station  
Walter Gerald Braun, Massillon  
Gregory Lee Brenneman, Wooster  
William Lee Burgess, Dorset  
Robin Therese Bycznski,  
Columbia Station  
Lowell Edward Crilow, Millersburg  
Michael Robert Davis, Columbus, N. J.  
Timothy John Davis, Salem  
Julie Anne Detray, Napoleon  
Gerry David DeYoung, Ravenna  
Leroy Alexander Duncan, Big Prairie  
David William Dustman, Brooklyn  
John Yarnell Elliott, Wooster  
David Gordon Evans, Strongsville  
David Raymond Fahrni, Apple Creek  
John Charles Fair, Jeromesville  
Paul Randall Feisley, Clarington  
William Lee Ferguson, Grove City  
Michael Arden Frank, North Canton  
Richard Herman Gabel, Munroe Falls  
Mark Alan Gamber, Pemberville  
Sidney Wayne Geist, New London  
Thomas Ralph Gerhardt, Grafton  
Robert Brian Gibbs, Bay Village  
Gary Lee Glenn, Ashland  
Curtis Wayne Gottfried,  
Upper Sandusky  
Ronald Lee Grant, Cortland  
William Henry Hahn, Alliance  
Dewey Franklin Hall, Lodi  
Desiree Ann Harder, Amlin  
Gayle Terese Hazer, Cleveland  
Gary Kready Henriksen,  
Fairview Park  
Anthony Joseph Heppie, Atwater  
Timothy Robert Hinman, Akron  
Scott Paul Hoffman, Wooster  
Jerome Lee Hord, Marion  
Allen John Inwalle, St. Marys  
Chris Robert Jagelewski, Cleveland  
Mark Stephen Jalkanen, Westlake  
Stephen Morris Jaycox, Harrisburg  
Michael Louis Karl, Tiro  
Maureen Therese Kelley,  
Rocky River  
Daniel Thomas Kellogg, Rome  
Edward John Klatka, Strongsville  
David Lee Klingensmith, Leavittsburg  
Stephen John Kloos, Wooster  
Thomas Andrew Krupa, Chardon  
Robert Douglas Kuk, Brecksville  
Gary Harold Landis, Nova  
John Frederick Little, Frazesburg  
Gary Wayne Loomis, Medina  
Colleen Marie Madden, Columbus  
William James Maurer, Canton  
James David McCullough, Hebron

Malcolm Edmund McGuire, Windham  
Donald Lee Minton, Lordstown  
Stephen Eugene Mock, Chandlersville  
Robert Lawrence Mole,  
Columbia Station  
Paul Allen Moore, Burbank  
Bradford Stone Murray, Lucas  
Timothy Alan Oehrtman, St. Marys  
Christine Marie Parsons, Bellville  
Rosemary Cecelia Paulin, Kirtland  
Glen Allen Pottenger, Tipp City  
Thomas Joseph Riccardi, Akron  
Richard Alan Rigg, Bryan  
Mary Ann Rittman, Munroe Falls  
Danny K. Reshon, Sunbury  
Raymond James Saffles, Sterling  
Rodrick Todd Schamaun, Ashland  
Robert Mark Schmelzer, Medina  
James Wilson Schwinn, Lakewood  
Henry John Silk, Valley City  
Robert Lewis Smithers, Jr., Akron  
Max Edgar Snode, Mechanicstown  
David Charles Snyder, Wooster  
Michael Lee Snyder, Loudonville  
Paul Allen Snyder, Baltic  
Matthew Jay Steiner, Rittman  
Don Harvey Stryffeler, Salem  
Larry Vaughn Sutherland,  
New London  
Mark Eugene Turney, Nevada  
Anton Erwin Urschitz, Bellville  
Mark Alan Walbolt, Perrysburg  
Terence Michael Walker,  
Parma Heights  
Bradley Allan Wallace, Wooster  
Mitchell Neal Welch, Nevada  
John Douglas Wheeler, Aurora  
Mark Edward Widder, Sugar Creek  
Lois Ann Wildey, New Richmond  
Caleb Williams, Wellsboro, Pa.  
Edward Everett Wolfe, II, Bremen  
Richard Harvey Woods, Akron  
David Allen Wright, Scio  
Thomas Lee Wright, Clyde  
Charles Edward Yost, Racine  
Sandy Leach Young, Columbus  
Ronald Zagar, Highland Heights  
Roger Allen Zumfelde, Wauseon

## College of Dentistry

Dean: John R. Wilson

### Doctor of Dental Surgery

Six candidates

Richard C. Davis, Jr., Columbus  
B.S. (Ohio University)  
Richard William Kost, Mt. Vernon  
B.S.  
William Joseph McGarry, Jr.,  
Cleveland  
B.S. (Bowling Green State  
University)  
Stephen Michael Musick, Warren  
William Douglas Sarchet, Athens  
B.S. (Ohio University)  
Steven Allen Siminiak, Toledo  
B.S. (University of Toledo)

### Certificate of Graduate Dental Hygienist

Eighty-two candidates

Janet Rose Acerra, Girard  
†Linda Marie Andrasic, Mansfield  
Deborah Elizabeth Aszling, Kettering  
Susan Michelle Black, Columbus  
Lois Jean Bollenbacher, Rockford  
Patricia Lou Briggs, Columbus  
Pamela Sue Brooks, Tiffin  
Shirley Becker Buren, Columbus  
\*Lillian Liska Burke, Columbus  
Susan Lee Caldwell, Columbus  
Susan Carol Cassell, Vandalia  
Leslie Gail Caulkins, Columbus  
Carol Anne Corrington, Bay Village  
†Margaret Jenness Cotter,  
Traverse City, Mich.  
Janis Scott Crandell, Toledo  
Gayle Schmidt Crawford, Columbus  
Mary Jo DeFrank, North Olmsted  
Rebecca Kathleen Dinsmore,  
Tipp City  
Karen Lee Dulinski, Toledo  
Jane Ann Fischer, Alliance  
Geri Renee Fishman, Cincinnati  
Karen Louise Fordyce, Elmhurst, Ill.  
Susan Elizabeth Fox, Sylvania  
Deborah Crow Gilkey, Pomeroy  
†Jamie Glueck, Shaker Heights  
Brenda Sue Godwin, Louisville  
†Nancy Gassen Guzzo, Reynoldsburg  
Deborah Kaye Haacke, Dayton  
Theresa Arlene Handley, Mentor  
†Gail Elizabeth Hatcher, Columbus  
†Anne Susan Heubach Newark  
†Also Bachelor of Arts, Colleges of the Arts  
and Sciences  
\*Also Bachelor of Science in Education,  
College of Education

## College of Education

Dean: Donald P. Anderson

### Bachelor of Science in Education

Eight hundred and forty-four candidates

Marie Heinrich Abram, Columbus  
Ilene Abramovitz, University Heights  
Ruth Bachman Adams, Newark  
Juanita Raenette Adamski, Conneaut  
Charlie Moore Adderley, Columbus  
Debra Lynn Adelstein, Shaker Heights  
Beatrice Langhals Agner, Ottawa  
Mare Douglas Ahmay, Prospect  
Susan Lynn Aiello, Alliance  
Jackline Kay Albert, Columbus  
Elja Smeets Alford, Willard  
Joanne Alioto, Gahanna  
Cheryl Lynn Allocco, Wickliffe  
Robert Carl Amsbaugh, Mansfield  
Charlene Marie Andres, Niles  
Margaret Mason Arnold, Columbus  
Deborah Kay Arps, Defiance  
Karen Susan Artzt, Cincinnati  
Beverly Kyle Ashworth, Columbus  
Antoinette Mary Baccanti, Columbus  
Deborah Pierson Badertscher, Lima  
Susan Jane Bailey, Genoa  
Cert. Grad. Dent. Hyg.  
Lana Johnson Baker, North Madison  
K. Machumu Bandle, Columbus  
Karen Lee Barber, Chillicothe  
Andrea Jeanne Barchard,  
Emerson, N. J.  
Brenda Lee Barkett, Youngstown  
Cert. Grad. Dent. Hyg.  
Deirdre Aljian Barnes, Columbus  
Gale Allen Barnes, Whipple  
Kathleen Ann Barnhart, Columbus  
Elaine Kay Barr, Hilliard  
Wahnita Joan Barr, Bedford  
Gail Ann Barry, Fairview Park  
Rex Alan Barton, Delaware  
Donald Carl Basinger, Lima  
William Frank Baxter,  
Columbus Grove  
Christine Elise Bazler, Columbus  
Cert. Grad. Dent. Hyg.  
Velma Shaw Beale, Newark  
Jean Ann Bechtel, Lima  
James Lee Beck, Louisville  
Lynne Anne Beckett, St. Marys  
Linda Gail Beekman, Columbus  
Cert. Grad. Dent. Hyg.  
Donna Stevens Bell, Ostrander  
Gary Eugene Bennett,  
Upper Sandusky  
Suzanne Bennett, Poland  
Kathleen Marie Benninger, Parma  
Denise Ann Berger, Versailles  
Marlene Edith Bergrin,  
University Heights

Cynthia Rence Berkman,  
Syracuse, N. Y.  
Debra Lynn Berkson, Wilmette, Ill.  
Martha Hager Berlin, Columbus  
Carol Deborah Berman,  
Woodmere, N. Y.  
Joan Bernardino, North Canton  
Judith Ann Bertenthal,  
Pittsburgh, Pa.  
Pamela Jane Beuter, Martins Ferry  
Cert. Grad. Dent. Hyg.  
Linda Marie Biasi, Columbus  
Joanne Marie Bilsing, Galion  
Richard Stephen Bindley, Marion  
Debra Katherine Bishop, Lima  
Marsha Kay Bishop, Dayton  
Linda Duffield Bissel, Mansfield  
Ella Barbara Bittkofer, Westlake  
Maurice Daniel Blake, Columbus  
John Howard Blank, Lima  
Roberta Diane Bleimes, Gahanna  
Doreen Lee Bloom, Youngstown  
Marseena Harris Bobo, Landover, Md.  
Michael Joseph Bokros, Gahanna  
Judith Anne Bolen, Avon Lake  
Charles Robert Bonica,  
Waltham, Mass.  
Janine Liliias Bourdo, Columbus  
Darlene Dinwiddie Bovard, Columbus  
Sylvia Chesla Bower, Columbus  
Kathleen Joan Bowers, Hudson  
Richard Allen Bowers, Worthington  
Sue Lhamon Bowers, Lima  
Susan Kay Bowman, Pataskala  
Kim Allen Breeze, Fredericktown  
Deborah Diane Breuer, Kettering  
Elbridge Harmon Brewer, Columbus  
Emily Ruth Brewer, Eaton  
Deborah Ann Briede, Fairfield  
Lonnice Earl Briggs, Westerville  
Kevin Lee Bright, Lucas  
Brenda Kaye Brill, Milford Center  
Terry Jean Brodie,  
New Rochelle, N. Y.  
Charles David Brookover, Zanesville  
John Emerson Brown, Mt. Sterling  
Kathleen Ann Brown, Shadyside  
Thomas Wayne Brown, Columbus  
Kathleen Ann Brundrett, Troy  
James Gregory Bryan, Columbus  
Tolli Sue Buchanan, Lancaster  
Eileen Matilda Buchholz, Wooster  
Christine Annette Bukac, Parma  
April Osborn Burger, Columbus  
Cert. Grad. Dent. Hyg.  
††Lillian Liska Burke, Defiance

† Also Bachelor of Arts, Colleges of the Arts  
and Sciences  
†† Also Certificate of Graduate Dental  
Hygienist, College of Dentistry

Joyce Cooper Burns, Columbus  
 Patricia Joseph Burns, Columbus  
 Sharon Moloney Bush, Marion  
 Patricia Wienken Buzard, Lima  
 Christy Kay Byrne, Kent  
 George Michael Callahan,  
 Worthington  
 Thomas Edwards Carlisle, Columbus  
 B.S. (Ohio University)  
 Donna Lynn Carter, Brecksville  
 Kathleen Marquardt Cass, Mt Gilead  
 Steven William Chadwell,  
 Worthington  
 Catherine Mae Chapman, Smithfield  
 Cheryl Ulery Chapman, Delaware  
 Andrea Beth Charna, South Euclid  
 Constance Kay Christopher, Granville  
 Debra Kathleen Cindric,  
 North Canton  
 Carolyn Sue Clancy, Worthington  
 Janna Taylor Clark, Columbus  
 Cert. Grad. Dent. Hyg.  
 Cynthia Marie Clemmons, Columbus  
 Richard Allen Cocherl, Columbus  
 Cindy Ellen Cohen, West Orange, N. J.  
 Martin Lewis Cohen, Warren  
 Sue Gathergood Colahan, Columbus  
 Larry Dale Coldwell, Mt. Gilead  
 Janis Lynn Colston, Parma  
 Douglas Robert Colucci,  
 Mineola, N. Y.  
 Linda Kay Comstock, Marion  
 Sharon Ann Congrove, Columbus  
 Harold Richard Conkle, Columbus  
 Doris Ellen Connelly, St. Clairsville  
 James Louis Conrad, Columbus  
 B.A.  
 Patricia Ann Conrad, Loudonville  
 Karen Yvonne Cooper, Columbus  
 Michael James Cooper, Shelby  
 Polly MacGregor Cooper, London  
 Shelley Baker Cooper, Columbus  
 Mary Jane Cooperrider, Newark  
 Anita Susan Cornell, Delaware  
 Steven Edward Cosner, Columbus  
 Dennis Alan Coupe, Parma  
 Paul William Cowan, Columbus  
 Shanda Carol Craig, Cincinnati  
 Kay Annette Crapoyou, Portsmouth  
 Judith Lee Crates, Lima  
 Richard Stamm Craumer, Waverly  
 Roberta Cramer Crawford, Marion  
 William Ellis Creswell, Mt. Gilead  
 Ruth May Crothers, Newark  
 David Andrew Crowe, Lima  
 Nancy Jo Croy, Kenton  
 Michael Henry Crumrine, Ashland  
 Janice Lynn Cummans, Lima

Michael Anthony Cunningham,  
 Ida, Mich.  
 Barbara Kay Dahmke, Columbus  
 Stephen Ray Dall, Butler  
 Carolyn Bennethum Dalrymple,  
 Marion  
 Suzanne Abell Dalton, Wakeman  
 Kathy Kemp Daum, Columbus  
 David Frederick Davis, Dayton  
 Marcia Ellen Davis, Hamilton  
 Martha Jane Davis, London  
 Melissa Myers Davis, Columbus  
 B.A. (Kent State University)  
 Stephen Charles Davis, Columbus  
 Barbara Gehm Deak, Columbus  
 Sara Guild Dean, New Richmond  
 Ramon Paul DeGennaro, Oberlin  
 Ermagene Ann Delewese, Columbus  
 Melinda Jane Denney, Columbus  
 Samuel Ray Dettra, Marion  
 B.A. (Eastern Nazarene College)  
 Kathleen Robson Devanney, Columbus  
 Daniel George Dick, Gambier  
 Judith Davis DiPietro, Columbus  
 Patricia Peters Dipner, Worthington  
 John Stephen Dix, Prospect  
 Diane Shields Dixon, Columbus  
 Debra Lynn Dlouhy, Brecksville  
 Danna Sims Dodd, Columbus  
 Douglas Lee Dodson, Columbus  
 Judith Dolgin, Toledo  
 John Robert Doll, Portsmouth  
 Kenneth Joseph Doseck, Botkins  
 Patrice Avit Dougan, Newark  
 Robert Kilroy Downey, Napoleon  
 Paulette Jenkins Downing, Lima  
 Emmett Larry Drane, Cincinnati  
 Deborah Jan Drasylo, Martins Ferry  
 Beth Marie Dublin, Worthington  
 James Cloy Duff, Youngstown  
 Myra Wright Dull, Columbus  
 Donald Ellory Dungee,  
 Port Jefferson, N. Y.  
 Karla Jean Durtschi, Columbus  
 Marilyn Lee Eakin, Cambridge  
 Dennis William Earl, Columbus  
 Cheryl Suzanne Edman, Galloway  
 Deborah Sue Edwards, Lima  
 Eloise Wright Egbert, Columbus  
 Charles Henry Eichinger, Columbus  
 Cheryl Lee Eisnagle, Portsmouth  
 Robin Sue Ekus, Akron  
 Jerry Jo Eleyet, Columbus  
 Jane Lee Emerson, Johnstown  
 Patricia Ann Erlenbusch, Columbus  
 Margaret Lynne Evans, Kettering  
 Roy Andrew Evans, Canal Winchester  
 B.A.  
 Margaret Eileen Eyerman, Columbus

Gordon William Eyster, Bellville  
 Victoria Chesser Fagan, Bucyrus  
 Colleen Fant Fannin, Newark  
 Noe Enrique Marin Farfan, Columbus  
 B.A.  
 Susan Joyce Farmer, Elyria  
 Margaret Benedict Fawcett, Utica  
 Gregory Raymond Feast, Solon  
 George John Fedeczko, Columbus  
 Gilbert Francis Feist, Newark  
 Michael Justin Ferrebee, Columbus  
 Phyllis Rae Fetzler, Medina  
 Ruth Ann Bell Field, LaRue  
 Matia Finn, Columbus  
 Margit Alice Fischer, Columbus  
 Dianne Gail Fisher, Columbus  
 Marsha Kay Fisher, Gratiot  
 William Arthur Fishinger, Jr.,  
 Columbus  
 Paula Barker Fistick, Columbus  
 Denison Sue Flanner, Toledo  
 Diana Lynn Flannery, Dayton  
 Craig Paul Fletcher, Marion  
 Peggy Elaine Floeh, Columbus  
 Daniel Wayne Forbes, Ashland  
 Bruce Robert Forman,  
 Brick Town, N. J.  
 Lawrence Quinton Foster, Columbus  
 Jennifer Kim Fowler, Columbus  
 Barry Steven Fox, Columbus  
 Christine Marie Franklin, Parma  
 Cheryl Lynn Franks, Wickliffe  
 Patricia Muranko Frase, Columbus  
 B.S. (Ohio Dominican College)  
 Robert Ross Freeborn, North Canton  
 Marcy Lois Freed, Peoria, Ill.  
 Marilyn Anne Freese, Cincinnati  
 Lorraine Anne Frencho, Columbus  
 Jacqueline Rozelle Fritz, Delphos  
 Deborah Ann Fulmer, Warren  
 Emily Tucker Funston, Mansfield  
 Kathryn Lisbeth Fuss, Canton  
 Susan Marie Gabric, Norton  
 Jo Ellen Galliers, Toledo  
 Cert. Grad. Dent. Hyg.  
 Nora Katherine Gambrel, Newark  
 Karen Jane Garriott, Mansfield  
 Stephen Arthur Gehrig, Cincinnati  
 Steve Anthony Georgeff, Columbus  
 Sandra Sowers Gerber, Columbus  
 Irvin Joseph Gerling, Bradford  
 Anita Martha Gilbert, South Euclid  
 Patricia Eileen Gilbert, Columbus  
 Janis Lee Gillick, Cleveland  
 Diane Elaine Gilling, Columbus  
 Vivian Sue Givens, Louisville  
 Gene William Gloeckner, Westerville  
 Gretchen Ann Gockel, Chagrin Falls  
 James Anthony Goetz, Lima

Sarah Lynne Gompf, Livingston, N. J.  
 Cynthia Beth Goodman, Steubenville  
 Deborah Lynn Goodman, Marion  
 Deborah Marlene Goodman, Ashtabula  
 Janice Lynn Goodwin, Boardman  
 Linda Hackett Goodwin, Middleport  
 Richard Augustus Googins, Columbus  
 Michael Day Gordon, Columbus  
 Nancy Gordon, Succasunna, N. J.  
 Gail Susan Gottlieb, Dayton  
 Jane Solt Goumas, Newark  
 Randolph Charles Gradishar,  
 Columbus  
 Kathleen Milum Graham, Columbus  
 Pamela Jo Grandon, Bartlett  
 Elizabeth Ann Gray, Columbus  
 Pamela Lee Grear, Spencerville  
 James Alan Green, Bay Village  
 Connie Sue Greenberg, Cleveland  
 David Albert Gregg, Columbus  
 Gayle Lynn Gregg, Bainbridge  
 Catherine Raphael Griffin, Columbus  
 Susan Diane Griffith, Columbus  
 Jeanne Annabell Grim, London  
 James Thomas Grimes, Frazeeysburg  
 Robert Lee Grimm, Oak Harbor  
 Donna Baughman Grimme,  
 West Alexandria  
 Sharon Jean Grooms, Piketon  
 Carolyn Mercer Grossman, Columbus  
 Douglas Alan Grossman, Toledo  
 Jeanne Cooksey Grothaus, Utica  
 Nancy Shafer Groves, Eaton  
 Lois Elaine Guspy, Gnadenhutten  
 Karen Sue Guthrie, Canton  
 Eric Guttentberg,  
 New Hyde Park, N. Y.  
 Becky Lucille Haddix, Cuba  
 Ricky Ray Haddix, Genoa  
 Debra Ann Haffey, Johnstown  
 Elizabeth Hager, Dayton  
 \*Lisa Ann Haines, Columbiana  
 Susan Bonaventure Haines, Columbus  
 Tondaleigh Hall, Columbus  
 Pamela Lynn Halle, Powell  
 Janine Vivien Haloostock, Columbus  
 Penny Gardner Halterman, Columbus  
 Angela Jobe Hamilton, Mansfield  
 Peggy Anne Hanley, Sandusky  
 Edwin Craig Hann, Columbus  
 Susan Diane Harbaugh, Senecaaville  
 Mona Paige Harris, Fairborn  
 Sheldon Jack Harris, Cleveland  
 Debra Rae Hart, Southington  
 Lois Marie Hartzler, Smithville  
 B.A. (College of Wooster)  
 Gayla Henderson Headley, Camden  
 Cert. Grad. Dent. Hyg.  
 Mark Edward Heater, Columbus

Lynn Gay Heatley, Sharon, Pa.  
 Mary Weddle Heeg, Columbus  
 Sheila Rae Metzger Hegenberger,  
 Reynoldsburg  
 Stephen Conrad Heinrichs, Greenville  
 Carolyn Damude Helbert, Mansfield  
 John Merlin Hemmerly, Columbus  
 Sarah Jane Henderson, Mansfield  
 Danny John Henry, Oak Harbor  
 Cathy Sue Herbert, Grove City  
 Andrea Linville Herbst, Lima  
 Rebecca Parks Hercher, Rinard Mills  
 Michael Dee Hero, Columbus  
 Anna Morin Herod, Westerville  
 Lena Pearlman Heyman, Columbus  
 Nancy Elizabeth Higgins, London  
 Deborah Jane Hild, Phillipsburg  
 Melissa Tyznik Hill, Columbus  
 Robert Bernard Hirsh, Pittsburgh, Pa.  
 William Andrew Hite, III, Thornville  
 Martin Lewis Hiudt, Cincinnati  
 Nancy Lynn Hobart, Worthington  
 Susan Annette Hochwalt, Dayton  
 Carol Bernice Hoffman, Novelty  
 Dennise Kennedy Holtzapfel, Bucyrus  
 Jane Ruth Homan, St. Henry  
 Kathleen Elizabeth Hoover, Marion  
 Randal Alan Hopkins, Kettering  
 Ethel Sprague Horvath, Cridersville  
 Sharon Elizabeth Houghton,  
 Cleveland  
 Linda Lou House, Jeromesville  
 Nedra Leist Houston, Columbus  
 B.A.  
 Elizabeth Ann Howell, Woodsfield  
 Cert. Grad. Dent. Hyg.  
 Martha Jeanette Howell, Columbus  
 Julianne Howie, Mountain Brook, Ala.  
 Robert Michael Hubbell, Delaware  
 John Lawrence Huber, Columbus  
 Sharon Ann Hudock, Parma  
 Helen Marie Hughes, Newark  
 Melinda Kay Hughes, Columbus  
 Susan Boggs Hume, Columbus  
 Karen Rae Humphrey, Reedsville  
 Karen Diane Hunter, Columbus  
 Barbara Ann Huntsberger, Centerville  
 Ann Batchelor Hursey, Columbus  
 Barbara Jean Hurucz, Solon  
 John Michael Husband, Elyria  
 Vickie Jean Hutchins, Springfield  
 Anthony Carmen Iacoboni, Columbus  
 Janet Elaine Iceman, Wooster  
 Gretchen Jan-Tausch Ickert, Mansfield  
 Alicia Josefina Iglesias, Worthington  
 Nancy Lee Ingledue, Lima  
 Kimberly Jo Irving, Heath  
 Bennie Isakovik, University Heights

Mary Lynn Jackson, Mansfield  
 Cert. Grad. Dent. Hyg.  
 Barbara Lee Jacobson, Cincinnati  
 Patricia Jurcich James, Columbus  
 Annette Beatty Jefferson, Columbus  
 Linda Kay Jenkins, Newark  
 Cheryl Lynn Jobe, Strongsville  
 Lynne Suzette Johns, Columbus  
 Mark Irwin Johns, Clayton  
 Christine Marie Johnson, Hiram  
 Clarke William Johnson, Columbus  
 Doreen Claire Johnson,  
 Cuyahoga Falls  
 Milburn Lee Johnson, Jr., Columbus  
 David Keennon Johnston, Marion  
 Diane Lenox Johnston, Grove City  
 Paul Howard Johnston, Columbus  
 Michael Joe Jones, Columbus  
 John Christopher Jordan, Columbus  
 Dennis Craig Kaelber, Delaware  
 \*Nancy Ellen Kaler, Mansfield  
 Steve Kalliantas, Columbus  
 Rae Ellen Kane, Hempstead, N. Y.  
 Shelley Kaplowitz, Elmont, N. Y.  
 Gregory Walter Kaumeyer, Lancaster  
 Judith Stein Kay, Columbus  
 Fred Alan Keller, Prospect  
 Denise Louise Kelley, Columbus  
 Linda Lee Kelly, Grove City  
 Leslie Louise Kemp, Cincinnati  
 Michael John Kennedy, Bellefontaine  
 Marcy Eve Kepich, Toledo  
 Charles Michael Kiess,  
 Upper Sandusky  
 Joan Dysart King, Columbus  
 Virginia Sackrisson King, Granville  
 Jodelle Dawn Klamfoth,  
 Canal Winchester  
 Alice Faye Kleinman, Galion  
 Deborah Ann Kletrovets, Columbus  
 Donald Eugene Klopfenstein,  
 New Washington  
 Jackie Lee Knicely, St. Louisville  
 Marla Spindler Kniffin, Marysville  
 Renay Ann Knight, Centerville  
 Debra Sue Knodel, Van Wert  
 Karen Knowlton, Cambridge  
 Kathleen Owens Koch, Lima  
 Alan Reid Koerber, Martins Ferry  
 Ellen Louise Kollmer, Columbus  
 Cindy Lee Korman, Cleveland  
 Jo Ann Kowal, Munhall, Pa.  
 Richard Michael Krach, East Canton  
 \*Craig Williamson Kramer,  
 Worthington

\* Also Bachelor of Arts, Colleges of the Arts  
 and Sciences

Eddi Sue Kranzler, Roslyn, N. Y.  
 Anna Katherine Kratzer, Columbus  
 Christine Marie Kromer, Sandusky  
 Leslie Sharon Krouk,  
 Maplewood, N. J.  
 Judith Stevenson Kruest, Columbus  
 A.B. (Ohio University)  
 Christine Ellen Kruse, Columbus  
 Patricia Elizabeth Kruse, Amherst  
 John Theodore Kuck, Columbus  
 Linda Lee Lambert, Centerville  
 Marshall Ray Landis, II, Alvordton  
 Astrid Elisabeth Langell,  
 Dillon, Colo.  
 Cert. Grad. Dent. Hyg.  
 Debbra Sue Langford, Troy  
 Timothy Lynn Larimore, Gomer  
 Tracy Topping Lawlis, Mansfield  
 Cynthia Ariette Lay, Columbus  
 Linda Marlene LeBlanc, Mansfield  
 Dale Robert Leblang, Beachwood  
 Arthur Jay Lebowitz,  
 St. Louis Park, Minn.  
 Alison Jamie Lee, Skokie, Ill.  
 George Leonard Lee, Ashley  
 Tamara Lee, Akron  
 Betty Beebe Leeke, Columbus  
 Mark Edwin Leimsieder,  
 Mayfield Heights  
 Jill Caryn Leming, Acton, Mass.  
 Michael Letostak, Columbus  
 Ilene Sue Levine, Cincinnati  
 Karel Susan Levy, Columbus  
 Deborah Ileen Lewis,  
 University Heights  
 Michael Joseph Lind, Columbus  
 Shirlee Hastings Lindsay, Columbus  
 Michael Dodd Lindsey, Columbus  
 Michael Lee Linkinoker,  
 Bellefontaine  
 Peter Richard Lintala, Columbus  
 Linda Sue Litchfield, Grove City  
 Dulce Lea Little, Columbus  
 Kathryn Loretta Little, Cardington  
 Teresa Louise Lockman, Wauseon  
 Robert Craig Loney, Columbus  
 \*Nancy Elizabeth Long, Columbiana  
 Roberta Jean Long, Cleveland  
 Laura Susan Lowe,  
 University Heights  
 Connie Lynn Lowery, Reynoldsburg  
 Carleen Ann Lucke, Lima  
 Diane Luckhart, Laurelville  
 Barbara Lee Ludden, Columbus  
 Robert Francis Ludwig, Elmhurst, Ill.  
 Joanne Marie Lux, Canton  
 Lois Chappell Luzader, Columbus  
 Deborah Cormany Lytle, Grove City  
 Melissa Jo Mainwold, Toledo

Shirley Malemacher, South Euclid  
 Richard Michael Mangini, Columbus  
 Patrick Lee Manley, Columbus  
 Nikki Jean Mann, Columbus  
 Daniel Edward Marshall, Lima  
 Marie Theresa Marshall, Grove City  
 Michele Marie Marshall, Kettering  
 Merrirose Dockman Martin, Mansfield  
 Mary Jo Massingill, Toledo  
 Gail Janine Matthes, Lexington  
 \*Susanne Marie Maxim, Enon  
 Barry Jay Mazer, Birmingham, Ala.  
 Martin Paul Mazikowski,  
 Lackawanna, N. Y.  
 Sharon Anne McCarthy,  
 Fairview Park  
 Mary Louise McCorkle, Columbus  
 Marilyn Jean McCoy, Columbus  
 Denise Moberg McCue, Columbus  
 Patricia Voss McGinty, Mansfield  
 Thomas Patrick McGinty, Columbus  
 Eric Malcom McGlade, Columbus  
 Roger Allen McGlaughlin,  
 Worthington  
 Kathleen Ann McGraner, Columbus  
 Judith Ellen McGuire, Middletown  
 Elaine McIntosh, South Lebanon  
 Jo Ellen McManus, Cambridge  
 Kathie Long McQuinnif, Columbus  
 Linda Lou Meeder, Columbus  
 Marc Mehl, Columbus  
 Joyce McKee Meinberg, Columbus  
 Neal Jeffery Meisner, Columbus  
 Marcia Pearlman Meizlish, Columbus  
 Sherry Ann Melreit, Walton Hills  
 Carmella Sue Mendiola, Ravenna  
 Iris Ruth Mendlowitz, McKeesport, Pa.  
 Joseph Alan Mervar,  
 Richmond Heights  
 Hannah Kathleen Meseroll, Gahanna  
 Raymond James Meyers,  
 Hamilton, Ont., Canada  
 Scott David Mickle, Westlake  
 Cheryl Army Miller, Ohio City  
 Diane Louise Miller, Dover  
 Dianne Lenora Miller, St. Marys  
 James Henry Miller, Columbus  
 Janet Kay Miller, Mansfield  
 Jeffrey Glenn Miller, Columbus  
 Jeffrey William Miller, Newark  
 Kevin Joseph Miller, Lexington  
 Randall Jay Miller, Cridersville  
 William Michael Miller, Bucyrus  
 Katherine Yvonne Mills,  
 Long Beach, N. Y.  
 Enid Sue Mintz, Pepper Pike  
 Marcia Susan Mitchell, Columbus  
 Thomas Steven Molnar, Columbus

Rema Marie Monaco, Columbus  
 Debra Maureen Mongan, Cincinnati  
 Leander Homer Montgomery,  
 Columbus  
 Nancy Wehrfritz Montgomery,  
 Columbus  
 Donald Herbert Moore, Jr., Columbus  
 Harold Edward Moore, Bellaire  
 Karen Diane Moore, Kettering  
 Kathy Morgan Moore, Middleport  
 Marianne Daries Moore, Worthington  
 B.A. (Western College);  
 M.S. (Cornell University)  
 \*Karen Ann Moran, Mansfield  
 Janet Lois Morgan, Warren  
 Patricia Maurer Morlan, Columbus  
 Nancy Jean Morris, DeGraff  
 Robert Allen Morris, Piqua  
 Nancy Elizabeth Morrison, Columbus  
 Denese Gay Mott, Fort Sill, Okla.  
 Bonita Polosky Murdock, Columbus  
 Janice VanOrsdel Mussio, Columbus  
 Danny Ray Myers, Columbus  
 Donna Mae Myers, Kenton  
 Joe Nell Myers, Arlington  
 Kristine Lynn Nagel, Columbus  
 Deborah Lynne Neal, Akron  
 Robert Charles Neal, Galion  
 Lowell Richard Nees, Columbus  
 David Clark Neff, Columbus  
 Beverly Joy Nelson,  
 University Heights  
 James Hull Nelson, Columbus  
 Ellen Carol Neugebauer,  
 Baldwin, N. Y.  
 Carol Bahner Newell, Marion  
 Catherine Marie Nichols, Columbus  
 Sandra Lee Nickel, Warren  
 Deborah Dyer Nines, Columbus  
 Diana Jean Niswander, Lima  
 Larry Ronald Noblick, Columbus  
 B.S., M.S.  
 Mary Ann Noonan, Cincinnati  
 Laura Sauter Norman, Wapakoneta  
 Paula Jeanne Nowacki, Worthington  
 Linda Claire Nutter, Columbus  
 Barbara Freeborn Obrecht,  
 Loudonville  
 Christine Marie O'Donnell, Cincinnati  
 Martin Edward O'Donnell, Parma  
 Kathleen Mary Oesterlein, Cincinnati  
 Richard Thomas Olsen,  
 West Babylon, N. Y.  
 Sandra Seiple Orcutt, Columbus  
 Ellen Sue Ostrow, Westerville  
 Elizabeth Ellen Packard,  
 Fairview Park

\* Also Bachelor of Arts, Colleges of the Arts  
 and Sciences



Christine Ann Pagel,  
San Juan Capistrano, Calif.  
Concetta Casola Pagliaro, Marysville  
B.S. (McGill University, Canada)  
Judith Ann Palavin, Chesterland  
Bonnie Jean Paquin, Brunswick  
Pamela Louise Parge, Parma Heights  
Linda Fay Parker, Lima  
Monica Jeanne Parks, Belpre  
Connie Jean Parsell, Forest  
Jeffrey Mark Parson, Columbus  
David Lynn Parsons, Crestline  
Robert Lee Pavlick, Youngstown  
Dean Lester Pendleton, Columbus  
Linda Lee Pennington, Lima  
Lynne Susan Peresman,  
Pittsburgh, Pa.  
Jean Marie Pero, East Canton  
Kimberly Ann Pfinsgraff,  
Youngstown  
Charles Ronald Phillips, Johnstown  
Diane Marie Pierce, Columbus  
Dolores Jean Piper, Cleveland  
Philip Nicholas Pirman, Cleveland  
Grace Peterangelo Pittman, Columbus  
Jacque Iden Poe, Jr., Columbus  
\*Julia Ann Poirier, Columbus  
Katherine Louise Poll, Toledo  
Phyllis Norma Pollack,  
Franklin Square, N. Y.  
Karoly Joseph Poor, Parma  
Erma Clark Popoff, Marion  
David Neal Potter, Columbus  
Patricia Louise Powell, Urbana  
Christine Ellen Prentice,  
North Lawrence  
William Andrew Preston, Columbus  
Susan Betty Price, Akron  
Vicki Ardelle Priddle, Ashtabula  
Marcia Ann Priess, Ashland  
Kirt Louis Priest, Columbus  
Jeanne Marie Pritchard, Medina  
Renee Paula Prizant,  
University Heights  
Sue Ellen Prosch, Portsmouth  
Marcus Merton Purvis, Columbus  
Karen Gossard Quatman, Lima  
Connie Lee Quick, Columbus  
Gary Allan Ramsey, Columbus  
Rena Rae Ramsthaler, Norton  
Jerome Alan Rand, Mayfield Heights  
Stephen Paul Ranft, Columbus  
Rebecca Lee Rankin, Columbus  
\*Janet Karen Ransom, Columbus  
Connie Jean Rase, Convoy  
Maryjane Mizda Rebich, Lyndhurst  
Nancy Ann Recknagel, Toledo  
Sandra Kaye Refitt, Middletown

Dinu Michael Rehner, Columbus  
B.A.  
Darlene Jo Rhoades, Galion  
Rebecca Lynn Rhoads, Toledo  
Yvonne Cecile Rhode, Columbus  
Elliott Ferguson Rice, Jefferson  
B.S.  
Keith Richards, Columbus  
Susan Elizabeth Rindfleisch,  
Olmsted Falls  
Marilyn Goetschius Robbins,  
Columbus  
Ann Frances Roberts, Lima  
Peggy Mercer Roberts, Heath  
Mary Lynn Robertson, Ashland  
John David Robinett, Columbus  
Sandra Kaye Rohrer, Hilliard  
\*Lawrence Michael Romanoff, Toledo  
Janine Evans Roosenberg, Lima  
Janet Leslie Rosenberg, Beachwood  
Linda Rosner, Cleveland  
Laura Marcia Rothenfeld, Beachwood  
Kim Jeni Rothschild, Toledo  
Sarah Rouso, Columbus  
Mary Elizabeth Rowe, Springfield  
Laurie Beth Rubin, Rahway, N. J.  
Barbara Ellen Ruef, Kettering  
Cert.Grad.Dent.Hyg.  
Alan Dennis Runyan, Kingsville  
\*Deborah Ann Ruppelt, Bay Village  
Jody Kay Rusk, Zanesville  
Joseph Michael Rutter, Columbus  
Steven Gene Ryerson, Columbus  
Mary Shifley Sabo, Galion  
Rosemarie Sabo, Dublin  
Susan Skidmore Sagstetter, Columbus  
Joyce Salat, South Euclid  
Carolyn Frieda Saliba, Caldwell  
Gerald Herbert Sample, Mt. Gilead  
Janet Sutermeister Sansotta, Marion  
Carol Lee Saunders, Newark  
Pamela Ann Scannell, Toledo  
Cert.Grad.Dent.Hyg.  
Bari Jones Scarberry, Columbus  
Michael Wayne Schaberg, Van Wert  
Mary Beach Scheiderer, Marysville  
Patricia Lou Schein, Williamsport  
Michael John Scheppe, Lima  
James William Schiller, Columbus  
Linda Anne Schmidt, Columbus  
Randee Luyster Schmitt, Columbus  
Barbara Kress Schneider, Columbus  
Michael William Schoener, Columbus  
Suzanne Catherine Schuder,  
West Carrollton  
Deborah Neville Schultz,  
Cuyahoga Falls  
Kathleen Mae Schulz, Columbus  
Janice Rae Schwartz, Columbus

Diane Mary Schwegman, Coldwater  
Edward J. Schweinfurth,  
New Bloomington  
Sandra Jean Scofield, Windsor  
Joan Elaine Scolieri, Columbus  
Nancy Elizabeth Scott, Dayton  
Joseph Raymond Seger, Sidney  
Trannie Ray Sehlmeier, Napoleon  
Gail Ann Senger, Rocky River  
Joanne Serabin, Cleveland  
Bill Sero, Parma  
Carolyn Jean Seymour, Shiloh  
Lorraine Anne Shacklett,  
Waukegan, Ill.  
Kim Lorraine Shaffer, Butler, Pa.  
Leslie Ann Shallenberger, Marietta  
Patricia Anne Shaver, Columbus  
Rosemary Sue Sheaffer, Nevada  
Maureen Clare Sheehan, Cleveland  
Cynthia Jean Sheets, Orient  
Linda Lee Sheets, Westerville  
Kay Ellen Sheidler, Lima  
Nancy Taylor Shepherd, Newark  
Joan Gayle Shrader, Columbus  
Robert David Shriver, Delaware  
Patti Lane Sibey, Cincinnati  
June Kay Siegel, Columbus  
Bonnie Sue Siferd, Elida  
Daniel Thomas Sigler, Columbus  
Jeanne Esther Silberman,  
Cleveland Heights  
Ann Rochelle Silver, Canton  
Harriet Meryl Silver, Elmont, N. Y.  
Christine Allen Simmons, Columbus  
Molly Moore Simmons, Dayton  
Martha Spahr Simonsen, Columbus  
Joseph Ulisse Siriano, Ashville  
Nicholas Skevos, Marion  
Susan Adams Slocum, Columbus  
Barbara Ann Smith, Ashtabula  
Carol Ann Smith, Dayton  
Cert.Grad.Dent.Hyg.  
Celinda Kay Smith, Dayton  
Hope Levita Smith, Columbus  
Jim C. Smith, Yellow Springs  
Nancy Kay Smith, Grove City  
Patricia Ann Smith, Lyons  
Deborah Sue Snyder, Warren, Mich.  
Rodney Lynn Snyder, Baltic  
Shelley Martha Sommer, Wadsworth  
Nancy Ann Spaeth, Mason  
Barbara Lynn Speert, Dayton  
Lydia Boals Spriesterbach, Columbus  
Pamela Susan Sprouse, Bridgeport  
James Luther Staley, Dayton  
Kathryn Jane Staley, Kettering  
Darryln Anne Steele, Newark

\* Also Bachelor of Arts,  
Colleges of the Arts and Sciences

Margaret Ann Steele, Columbus  
 Mary Marie Steiner, Upper Sandusky  
 Dale Wayne Steinmetz, Jr.,  
   Wapakoneta  
 Colleen Grey Stemen, Columbus  
 Deborah Jean Stephan, Springdale  
 Lawrence Garel Stephens, Jr.,  
   Columbus  
 Linda Lou Stepp, Orient  
 Linda Stern, Teaneck, N. J.  
 Ronald Frederick Stevens, Newark  
 Kristen Pat Stichter, Toledo  
 Randy Glenn Stitzlein, Jeromesville  
 Deborah Jean St. John, Akron  
 James Edwin Stoch, Euclid  
 Bernard Karl Stockton, Elida  
 Claude Fernand Stocky, Columbus  
 Thomas Ardin Stose, Columbus  
 Constance Louise Stover, Kettering  
 Linda Cheryl Straus, Cleveland  
 Betty Simmons Stroup, Shelby  
 Barbara Ellen Strub, Coshocton  
 Andrea Florence Stuck, Kenton  
 Janet Marie Sucheck, Canton  
 Rebecca Jean Suomela, Mentor  
 Deborah Maitha Surniak, Columbus  
 Darl Lawrence Sutton, Wapakoneta  
 Joan Kathleen Swartz, Wapakoneta  
 Leslie James Swearingen,  
   Ecorse, Mich.  
 Harold Everett Swick, Jr., Morral  
 Deborah Mae Swigart, Marion  
 Thomas Alexander Szabo, Elyria  
 Zoltan Szabo, Jr., Columbus  
   B.D. (Bloomfield Theological  
   Seminary)  
 Christine Alice Szczepanski, Marion  
 John Louis Tanoury, Zanesville  
 Julianne Tanski, Eastlake  
 Judith Weaver Taylor, Columbus  
 Janeen Ann Teal, Columbus  
 Dennis Keith Temple, Leesburg  
 Antoinette Sue Tepe, Cincinnati  
   Cert.Grad.Dent.Hyg.  
 Michael Ray Terry, Lima  
 James Keith Tewksbury, Hamilton  
 Donald Wayne Thacker, Jr.,  
   Springfield  
 Carole Sue Thomas, Quaker City  
 Katharine Look Thomas, Lima  
 Christine Jean Timko, Toledo  
 Rebecca Ann Tirey, Franklin  
 Daniel Richard Toder,  
   Rockaway, N. J.  
 Janet Marie Toerner, Hamilton  
 Teresa G. Toms, Mansfield  
 Cheryl Jean Torrey, Millersport  
 Mary Jo Toussant, Columbus  
 Trisha Lee Travis, Bay Village

Roger George Trimmer, Steubenville  
 Robert William Tucker, Newark  
 Barbara Ann Turner, Pittsburgh, Pa.  
 Elizabeth Gorton Turner, Hudson  
 Amy Sue Ulrich, West Alexandria  
 David Lester Vale, Berea  
 Susan Marie VanJura, Painesville  
 Claudia Jean Velt, Columbus  
 Sally Ann Vranek, Berea  
 Karen Lynn Wagar, Toledo  
 Diane Evers Wagner, Columbus  
 Susan Patricia Walden, Dunkirk  
 Sandra McCracken Walke, Marion  
 Joan Marie Walker, Bryan  
 John Franklin Walker, Creston  
 Donna Gail Wall, Maple Heights  
 Brenda Kay Wallace, Trotwood  
 Harriett Jean Wallace, Columbus  
 Paulette Ann Wallischeck, Greenville  
 Terri Ann Walls, DeGraff  
 Marlene Thierry Walton, Columbus  
 Michael Keith Wampler, Sunbury  
 Terrell Mae Wantz, Dayton  
 Howard Gene Ward, Columbus  
 Richard James Ware, Rocky River  
 Jack Jean Warecki, Columbus  
 Nancy Kay Warner, Lorain  
 Patricia Diane Warner, St. Marys  
 Eva Yarman Warren, Gahanna  
 Kathie Lynn Warrens, Shelby  
 Deborah Jean Wathen, Worthington  
 Julie Paynter Weatherington,  
   Columbus  
 Thomas Scot Weckesser, Wooster  
 Josephine Ann Wehri, Cloverdale  
 Lynn Weiner, New York, N. Y.  
 Bridget Nagel Weller, Wapakoneta  
 Charles Joseph Weller, Miamisburg  
 Virginia Gill Welty, Columbus  
   Cert.Grad.Dent.Hyg.  
 William Thomas Wendorff, Euclid  
 Deborah Denton West, Lima  
 Paul Clarence Whitehill, Lakeview  
 John Joseph Wido, Parma  
 Teri Lee Wieder, South Euclid  
 Richard Anthony Wiegand, Euclid  
 Merry Jo Dewhirst Wieland,  
   Columbus  
 Jacquelin Ostrom Wilcox, Columbus  
 Michael Alan Wilfong, Vinton  
 Jane Frances Wilkerson, Ada  
 Olive Craig Wilkin, Columbus  
 Robert Harrod Willard, Chagrin Falls  
 Debra Lee Williams, Brook Park  
 Emily Jane Williams, The Plains  
 Holly Winegardner Williams, Newark  
 Mary Hoddy Wilson,  
   East Lansing, Mich.  
   Cert.Grad.Dent. Hyg.

Darrel Leslie Wilt, Wilmington  
 Gary Ray Winemiller, Sidney  
 Jayma Thompson Wink, Mansfield  
 Linda Jo Winkle, Sardinia  
 Jean Winkler, Lima  
 Thomas Edwin Wojcik, Lombard, Ill.  
 Kurt Bryan Wolfangel, Xenia  
 Cathi Ellen Wolfson, Beachwood  
 Dianne Lynn Wood, Buckeye Lake  
 Linda Erbe Woodward, Columbus  
 Marvin Richard Wourms, Columbus  
 Kathy Dilbone Wurth, Amlin  
 David Baker Yaussy, Bucyrus  
 Jill Smith Yelverton, Columbus  
 Cynthia Ann Yost, Newark  
 Bruce Charles Young, Mansfield  
 Katharine Lee Young,  
   Allison Park, Pa.  
 Roger Louis Young, Baldwin, N. Y.  
 William Carl Young, Payne  
 Jan Johnson Zarle, Columbus  
 John William Zarle, Orrville  
 James Thomas Zebroski, Warren  
 Sally Toth Zimowski, Newark

**Bachelor of Art Education and  
 Bachelor of Music Education  
 degree are offered jointly by the  
 College of The Arts and the  
 College of Education  
 Candidates are listed on pages 27  
 and 28**

## College of Engineering

Dean: Harold A. Bolz

### Bachelor of Aeronautical and Astronautical Engineering

One candidate

\*\*Richard Jeffrey Freuler, Hamilton

### Bachelor of Science in Aeronautical and Astronautical Engineering

Sixteen candidates

Douglas Neal Ball, Mansfield  
Samuel Russell Barlow, Cincinnati  
Robert William Bigi, Thornville  
Steven Paul Clark, Columbus  
Roger Leo Davis, Columbus  
Jay Lance Elliott, New Concord  
Deems Shelton Emmer, Reynoldsburg  
Michael Glenn Evans, Columbus  
Bruce James Gallagher,  
New Hyde Park, N. Y.  
Keith Dennis Kern, Westlake  
Emilio Dominico Marasco,  
Mt. Vernon, N. Y.  
Robert John Moffitt, Akron  
Patrick Augustine O'Brien, Columbus  
Donald Christopher Richter, Jr.,  
Rochester, N. Y.  
Karl Wayne Rust, St. Paris  
Michael Timothy Smiley,  
Canal Winchester

### Bachelor of Science in Agricultural Engineering

Nine candidates

John Wayne Arnold, Orrville  
George Michael Bayer, Columbus  
G. James Deeds, Pataskala  
Mark Raymond Hartman, Xenia  
David Lewis King, Fairfield  
John James Parker, Kingsville  
David Kevin Robson, Westerville  
David Lloyd Roehm, New Vienna  
Glenn William Shields, Cadiz

### Bachelor of Science in Ceramic Engineering

Nine candidates

Robert Roy Blakely, Jr., Zanesville  
Kenneth Richard Butcher, Elyria  
Alfred DeLeon, Columbus

Guy Daniel Ensinger, East Liverpool  
JoAnn Grill, Uhrichsville  
Robert Lanson Hyde, Westerville  
Frederick Charles Rau, Middletown  
Marcia Provens Rausch, Columbus  
George John Ulrich, Ridgeway

### Bachelor of Science in Chemical Engineering

Thirty-six candidates

Steven Harold Alkire, Circleville  
John Joseph Antolik, Richfield  
Barry Thomas Bayne, Columbus  
Ernest Harland Beadle, Jr., Columbus  
Christopher Randall Beharry,  
Chesterland  
Edward David Brooks, Tiffin  
Steven Merrell Brown, Chillicothe  
Raymond Thomas Collins, Westlake  
Kenneth Richard Cox, Cincinnati  
Gary Scott Cullen, Lorain  
Bruce Kyle Dawson, Lakewood  
Louis Richard Dossie, Bellaire  
Herbert Plugin, Columbus  
Mark Edwin Forry, Columbus  
Timothy Lee Goslin,  
Miami Lakes, Fla.  
Alan Ralph Harrison, Conneaut  
Dan Warren Hester, Jr., Lancaster  
Brooks Harding Hurd, Jr., Columbus  
James John Krejci, Medina  
Dannie Paul Maddox,  
Franklin Furnace  
James Anthony McCaw, Jr.,  
Cuyahoga Falls  
Robert Cloyd McKee, Mt. Vernon  
Kenneth Lee Montague, Lima  
Edward Charles Myers, Toronto  
John Edward Myers, Circleville  
George Louis Ott, Brunswick  
Michael Allen Patterson, Ashland  
William Martin Pekman,  
Fairbanks, Alaska  
David Bruce Ramey, Worthington  
John Lawrence Rhode, Wooster  
Barry Alan Robinson, Medina  
Steven Karl Scheel, Columbus  
Randall Lawrence Schroeder,  
Glandorf  
Dana Keith Thompson, Columbus  
Gary Jan Walter, Canton  
Isaac Meyer Worthalter,  
Bogota, Colombia

### Civil Engineer

Two candidates

Steven Barbour, Columbus  
B.S.C.E.  
Robert Russell Howard II, Columbus  
B.E. (Youngstown State  
University)

### Bachelor of Science in Civil Engineering

Forty-two candidates

Dennis Lee Anderson, Xenia  
Gary Lee Behnke, Columbus  
Hugh Blocksidge, Cleveland  
Alan Lee Blosser, Lakewood  
Robert Spencer Chambers, Belpre  
Lynn Alan Clark, Wooster  
Vernon Michael Cochran,  
New Matamoras  
James Kevin Farrell, Brecksville  
Steven Richard Fox, Findlay  
Stephan Marc Gale, Eastlake  
Nick Gust Gianakis, Cleveland  
William Keith Gilbert, Mason  
Kenneth James Graham, Jr.,  
Columbus  
Peter Bryan Grazier, Columbus  
Dennis Keith Hartman, Findlay  
Michael Alan Hemmerich, Greenville  
Joseph Edward Hickie, Jr., Columbus  
Steven William Hostetler, Columbus  
Paul Steven Hundley,  
Upper Montclair, N. J.  
David Allan Macynski, Columbus  
William Velmen Mathews, Columbus  
Ronald Ira Mayo, II, Columbus  
William Parks McKinnell, III,  
Columbus  
Mark Eric Moellman, Bay Village  
Mark Edward Moloney, Euclid  
Michael Lee Myers, Carey  
Ralph Edward Norman, Jr.,  
North Canton  
David Alan Norris, Woodsfield  
Victor Omelchenko, Rochester, N. Y.  
Gus Papageorgiou, Martins Ferry  
James Alan Petsche, Willowick  
Timothy Owen Riley, Norwalk  
James Donald Rogers, Lancaster  
Kenneth Hayes Roush, Columbus  
Walter Ewell Sandefur, Columbus  
James Raymond Scott, Chillicothe

\*\* Also Bachelor of Science in Computer and Information Science, College of Engineering  
\*\* Also Master of Science, Graduate School

William Raymond Shelley, Bellevue  
Robert Perry Shumate, Lima  
William Lee Wallace, Elida  
Bruce Edward Walpole, Columbus  
Ronald Raymond Weaver, II, Belpre  
Charles Franklin Zirkle, Greenville

#### **Bachelor of Science in Computer and Information Science**

Thirty candidates

Colin Edward Abbott, Columbus  
Terry Alan Bechtie, Marion  
William Edward Breen, Marion  
Stephen Randall Brenneman, Coshocton  
Mark Christopher Brinich, Lakewood  
Steven Wayne Chapman, Delaware  
Jill Chamberlain Chappel, Wyoming, N. Y.  
Edmund Donald Clapp, Broadview Heights  
Terry Richard Cooper, Ripley  
George Ronald Dettore, Granville  
\*\*Richard Jeffrey Freuler, Hamilton  
Steven John Gray, Gahanna  
Clark Edward Hawk, Chagrin Falls  
Robert Eugene Horton, Brook Park  
Brion Dale Jones, Warren  
Carl David Nau, South Euclid  
Ronald Gary Nichols, Columbus  
John Willard Orwig, Bellevue  
John Lee Panteck, Parma  
Kristine Jean Peters, Chillicothe  
Thomas Herbert Port, Youngstown  
Kenneth Louis Rancour, Parma  
Scott Warner Riddle, Ravenna  
Michael Francis Singer, Defiance  
Michael Lee Snider, Columbus  
James Stuart Totty, Maumee  
Mark Jay Waite, Westerville  
Douglas Leonard Weed, Columbus  
Bruce Elton Wilkinson, Hinckley  
Benjamin Franklin Yee, Columbus

#### **Electrical Engineer**

One candidate

Robert Mitchell Blumgold, Dayton  
B.S.E.E. (Polytechnic Institute of Brooklyn)

#### **Bachelor of Electrical Engineering**

One candidate

\*Richard Allen Sunderland, Spencerville

#### **Bachelor of Science in Electrical Engineering**

Forty-nine candidates

Hossein Abolmoulouki, Tehran, Iran  
Norman Frederick Abreo, Columbus  
Gregory Ralph Baehr, Bucyrus  
Charles Martin Bell, Columbus  
Roger Lewis Boyer, Cuyahoga Falls  
David Lee Budde, Kettering  
Ronald Paul Caron, Columbus  
Thomas Richard Clark, Columbus  
Brian Kent Cosens, Columbus  
Christopher Leonard DeCenzo, Coshocton  
Timothy Lee Deeter, Greenville  
John Robert Deller, Jr., Cincinnati  
Dennis Lee Detamore, Dayton  
John David Dobbs, Columbus  
Jesse Leslie Elek, Columbus  
Robert Lewis Farnsworth, East Liverpool  
Ronald Edwin Fauver, Columbus  
Terry Lee Fry, Vienna, W. Va.  
Paul Yiu-Yeung Fung, Columbus  
Eric Dale Greer, Columbus  
William Leo Hayes, Piqua  
Dale Andrew Hruska, Parma  
William Higgins Kelly, Carroll  
Paul Carl Lange, Jr., Coraopolis, Pa.  
Tao Trong Le, Saigon, Vietnam  
William Michael Lewis, Columbus  
Clifford Franklin Lincoln, III, Columbus  
Jonathan Lee Linton, Columbus  
Ronald Lloyd Lynn, Columbus  
Gary Gerard Meloeny, Birmingham, Mich.  
Paul Richard Michel, Kettering  
Richard Allan Nagy, Parma  
Robert Thomas Parrett, Worthington  
David Randolph Pickut, Cuyahoga Falls  
Frank Joseph Ricker, Columbus  
Howard Sheldon Robbins, Columbus  
David Alan Saghy, Seven Hills  
Daniel Ivan Schoenberger, Upper Sandusky  
David Bruce Schultz, Marion

Daniel Earle Sheley, Columbus  
James Robert Sherbundy, Bucyrus  
Keith Alan Shubert, Columbus  
Donald Warren Spencer, Clyde  
John Edward Stickel, Galion  
Robert Lee Sweitzer, Columbus  
Arthur Martin Thinguldstad, Worthington  
Steven Mark Thurber, Columbus  
Maurice Anthony Tourville, III, Pittsburgh, Pa.  
Pierre Marie Wilson, Columbus

#### **Bachelor of Science in Engineering Physics**

Two candidates

Lawrence Francis Rubin, Columbus  
James Edwin Watson, Atlanta, Ga.

#### **Industrial Engineer**

One candidate

William Loren Cantor, Senecaville  
B.S.A.A.E.

#### **Bachelor of Science in Industrial and Systems Engineering**

Twenty-three candidates

William Wesley Bundy, Coshocton  
Gregory Dean Crase, Canal Winchester  
Burton Andrew Davis, Jr., Cincinnati  
Daniel Edward Deveau, Lexington  
Richard Alvin Fulgham, Columbus  
Paul Larry Hamer, Columbus  
John Serge Kisch, Maple Heights  
Robert James Koch, Brooklyn  
Jeffrey Wills Lusk, Troy  
David Charles Murman, Lakewood  
David Martin Pavlik, Shadyside  
John Alan Reidy, Lakewood  
Glenn Russell Sewell, Columbus  
Barbara Jo Simpson, Columbus  
Gregory Laurence Smith, Columbus  
David Harry Starkey, Dublin  
Leon Richard Substeln, Columbus  
Daniel Anthony Szablewski, Jr., Parma

\* Also Master of Science, Graduate School

\*\* Also Bachelor of Aeronautical and Astronautical Engineering, College of Engineering

\*\* Also Master of Science, Graduate School

Ralph John Troha, Cleveland  
 John Dennis Vasichko, Columbus  
 Robert Ernest Wilkins, Hilliard  
 Dennis Lee Wolf, Medina  
 John Melvin Yesso, Conneaut

### **Bachelor of Science in Mechanical Engineering**

Thirty-seven candidates

Michael James Angle, Bellefontaine  
 Kurt David Badertscher, Worthington  
 Thomas James Baughman, Napoleon  
 Sason Benado, Givataim, Israel  
 Bruce Harvey Blank, Mansfield  
 Michael Joseph Boss, Kettering  
 Kenneth Fred Deken, Westerville  
 Robert Lee DuHadway, Cleveland  
 Larry Michael Elting, Lancaster  
 James Ernest Garard, Columbus  
 Patrick John George, Avon Lake  
 Walter Paul Grady, Columbus  
 Lee Alan Hanna, Southington  
 John Frederick Hart, Berea  
 Ernest Edward Helms, Akron  
 Richard Brown Henfield, Cleveland  
 Robert Calvin Johnson, Okeana  
 Steven Edward Johnson, Columbus  
 Charles Bradford Jones, Columbus  
 Douglas Roy Kellogg,  
   Bouguival, France  
 Michael Harvey Kidwell, Columbus  
 Gary Richard Loach, Findlay  
 William Charles Marvin, Fairfield  
 Don Joseph Massa, Columbus  
 Timothy Ivan Miller, Cairo  
 Jeffrey Scott Moore, Cincinnati  
 David William Pottle, Enon  
 James Francis Riley, Columbus  
 Thomas Neal Riley, Paulding  
 Roger Louis Sieling, Columbus  
 Donald Lavern Smith, Jr., Conneaut  
 Gail Elliott Spain, III, Hudson  
 Glen Clarence Steyer, Fostoria  
 Roger Allen Strawman, Garrettsville  
 Lawrence Albert Westhoven, Jr.,  
   Liberty Center  
 Dale Allen Wiseman, Columbus  
 Amichay Zelcer, Givataim, Israel

### **Bachelor of Science in Metallurgical Engineering**

Six candidates

David John Blazek, Columbus  
 Steven Earl Fisher, Lima

Thomas Eugene Roberts,  
   New Carlisle  
 Robert Bradley Sikora, Euclid  
   B.S. (Ohio University)  
 Michael Dean Strayer, Lima  
 Gary Arthur Welch, Tulsa, Okla.

### **Bachelor of Science in Welding Engineering**

Four candidates

John Graham Johnston, III, Columbus  
 John Michael Menhart, Aurora  
 Fred John Schaidler, Parma  
 Michael Eugene Schwartzwalder,  
   Reynoldsburg

## **School of Architecture**

### **Bachelor of Science in Architecture**

Seventy-seven candidates

Magdy Mohamed Amer, Westerville  
 Robert Lee Bates, Jr., Columbus  
 George Domenic Berardi, Cleveland  
 William Marlon Bernstein,  
   Brooklyn, N. Y.  
 Walter Paul Betley, Jr., Columbus  
 Roger Martin Bispeck, Girard  
 Rex Owen Boise, Troy  
 Jonathan Thresher Burbank,  
   Scottsville, N. Y.  
 Barry Wayne Burd, Columbus  
 Michael James Butler, Dayton  
 Alton LaVerne Carver, Columbus  
 Jeffrey Scott Cavener, Columbus  
 Arthur George Cernoia, Parma  
 Bruce Robinson Chase, Columbus  
 David Paul Clary, Columbus  
 Mark Ira Cohen, Columbus  
 Antonio Colosimo, Columbus  
 David Alan Craycraft, Columbus  
 John Arthur Davis, Columbus  
 Mark Randall Denny, New Lexington  
 Donald Edward Dolle, Youngstown  
 Richard Thomas Downing,  
   Cheswick, Pa.  
 Jeffrey Allen Dupler, Westerville  
 John Robert Ermlich, Gahanna  
 Charles Neill Fazio, Solon  
 Glen Arthur Funk, Newark  
 Joel Giboney Gaertner, Findlay

Peter David Glazer, Norwalk, Conn.  
 Kenneth Chester Grajek,  
   Orchard Park, N. Y.  
 Peter Stormont Harsh, Fairborn  
 Ted Maxwell Heldenbrand, Mansfield  
 Richard Glen Howard, Columbus  
 John Michael Jernejcic, Cleveland  
 Patrick John King, Binghamton, N. Y.  
 George Andrew Kirk, Newark, Del.  
 Thomas Robert Knapp, Columbus  
 David John Kupchella, Cleveland  
 Ronald Jay Leach, Springfield  
 Micheal James Lough, Westerville  
 Robert David Loversidge, Jr.,  
   Little Silver, N. J.  
 Dennis Michael Madama, Steubenville  
 Edward Frank Meifert, Norwalk  
 Dean Herbert Morr, Celina  
 John Davidson Nipaver,  
   Charleroi, Pa.  
 David Francis Norris, Painesville  
 Leonard Lee Oberholtzer,  
   Auburn, Ind.  
 Daniel Charles O'Harra, Gahanna  
 Arvid C. Olson, Springfield  
 Richard Scott Otto, Ottawa  
 James Richard Platt, Bethel Park, Pa.  
 Robert Edward Reed, Jr.,  
   West Carrollton  
 Thomas Joseph Reis, Columbus  
 Rudy Victor Ridberg, Byram, Conn.  
 Thomas Jay Rinehart, Columbus  
 James Raymond Rosing, Cleveland  
 Thomas Wells Schaller, Newark  
 Richard Lee Schlutz, Plantation, Fla.  
 Kenneth Edward Schon, Cincinnati  
 Robert Leland Schwager, Columbus  
 Dennis Scott Sheets, Sunbury  
 Tyrone Mark Shinaberry, Columbus  
 Barry Steven Simowitz,  
   Fair Lawn, N. J.  
 Jeffery Skapin, Euclid  
 Philip Ernest Skirball, Sandusky  
 Lawrence Haskell Skott,  
   Fair Lawn, N. J.  
 Jeffrey Jon Snyder, Columbus  
 Harrison Dorn Spicer,  
   Cuyahoga Falls  
 James Edward Strausbaugh,  
   Columbus  
 Rene Teig, Worcester, Mass.  
 Eric Peter Thomas, Lima  
   B.A.  
 Douglas Walter Traver,  
   Mt. Lebanon, Pa.  
 Gary Alan Ungerer, Mansfield  
 Thomas Edwin Ventura, Columbus  
 Chris Thomas Vogelpohl, Curtice  
 Randall Alan Woodings, Lorain

## College of Law

Dean: James C. Kirby, Jr.

Helen Anne Wright, Indiana, Pa.  
Robert Raleigh Zilch, Cincinnati

### Bachelor of Science in Landscape Architecture

Eighteen candidates

John George Berens, Cincinnati  
Thomas Charles Buss, Easton, Pa.  
Philip Mark Cohen, Toledo  
John Andrew Gliva,  
Indianapolis, Ind.  
Glenn David Haggstrom,  
Annandale, Va.  
Richard John Harmych, Amherst  
Michael Edward Herman, Toledo  
Richard Lee Hieshetter,  
Grand Rapids, Mich.  
Steven Arthur Huber, Ashland  
William Edward Jaskela,  
Lake Worth, Fla.  
Ralph Casimer Jerla, Conneaut  
Gary Allen Kurtz, Cincinnati  
Linn Harry Lindsey, Seven Hills  
Terry Lee Lowe, Columbus  
Mikel Neil McLaughlin,  
Reynoldsburg  
Peter Steven Pavlik, Seven Hills  
Charles John Sekerak, Parma  
Robert Andrew Skoog, Hillsboro

### Juris Doctor

One hundred and fifty candidates

Richard Spalding Amundsen,  
Cherry Hill, N. J.  
B.A. (University of Virginia)  
Charles Franklin Andrews,  
Olmsted Falls  
B.A. (Ohio Wesleyan University)  
William Robert Aycock,  
Grosse Ile, Mich.  
B.B.A. (Eastern Michigan  
University)  
Michael Allen Baer, Celina  
B.A.  
Dennis Nolan Balske, Cleveland  
B.S.Bus.Adm. (Bowling Green State  
University)  
Kenneth Lee Bandy, Beloit  
B.A.Jour.  
Donald Edward Barb, Westerville  
B.A.  
William Edward Barney,  
Wattsburg, Pa.  
B.A. (Pennsylvania State University)  
Peggy Louise Bennington, Cadiz  
B.A.  
Janice McKimmie Bernard, Cleveland  
A.B. (Smith College)  
Robert Nathaniel Black,  
Shaker Heights  
A.B. (University of Michigan)  
Gary Marc Blumenthal, Columbus  
B.S. (Miami University)  
Edward Joseph Bocik, Jr., Toledo  
B.A. (University of Notre Dame)  
Phillip Lynn Bonner, Cincinnati  
A.B. (Oberlin College)  
Anthony Boone, Memphis, Tenn.  
B.A. (Elmhurst College)  
Alan Bruce Boyd, Akron  
B.A.  
William Alan Boyd, Mowrystown  
B.A.A.E.  
Nancy Gutfeld Brown, Columbus  
B.A., M.A. (University of Chicago)  
Ronald Garland Burden, Cincinnati  
B.A. (University of Cincinnati)  
John Hamrick Burtch, Columbus  
B.A. (Denison University)  
Brian Lee Buzby, Columbus  
B.A.

Ronald Lee Cafferty, Columbus  
A.B. (Saint Benedict's College)  
Michele Maurizio Cheadle, Arcanum  
B.S. Bus. Adm. (Bowling Green State  
University)  
Kenneth Warren Christman, Mansfield  
B.A.  
Patrick Joseph Ciliberto, Wickliffe  
B.S.  
Edward Ray Claggett, Xenia  
B.S.Bus.Adm.  
Elizabeth Campbell Claggett,  
Columbus  
B.S.Ed.  
David Allen Clemens, Chagrin Falls  
B.A. (Oberlin College)  
Linda Moorman Connors,  
Parma Heights  
B.A. (Rosary College)  
James Patrick Conroy, Bay Village  
B.A.  
James Robert Cooper, Jr.,  
Montgomery, Ala.  
B.A. (University of Mississippi)  
Ronald James Corn, Columbus  
B.A. (University of Kentucky)  
Edwin Allen Coy, Pemberville  
B.A. (Capital University)  
Randy David Deering, Elm Grove  
B.A.  
William David Dickas, Gahanna  
A.B. (College of Saint Charles  
Borromeo)  
John Arlie Dicke, Wapakoneta  
A.B. (University of Michigan)  
Michael Shannon Duty, Portsmouth  
B.A. (Princeton University)  
George Marshall Ellis, Columbus  
B.A. (Ohio Wesleyan University)  
Richard A. Fisher, Napoleon  
B.S.Bus.Adm. (Bowling Green State  
University)  
Richard Elden Flax, London  
B.S.Bus.Adm. (Miami University)  
John James Flynn, Kent  
B.A. (Mount Union College)  
David Kerwin Frank, Covington  
B.A. (Miami University); M.A.  
Mark Dennis Frasure, Waynesville  
B.A. (Georgetown College)

Thomas Edward Friedman, Dayton  
B.A. (Miami University)

John W. Garland, New York, N. Y.  
B.A. (Central State University)

Carmine Mario Garofalo, Steubenville  
B.B.A. (Ohio University)

James Hale Gordon, Columbus  
B.A. (College of Wooster), M.Ed.,  
Ph.D. (Ohio University)

Donald Lynn Graham, Salisbury, N. C.  
B.A. (West Virginia State College)

Ronald Harvey Greenblatt,  
University Heights  
B.A.

Elsie Hall, Marietta  
B.A. (Marietta College)

Richard Craig Handel, Columbus  
A.B. (University of Michigan); M.A.  
(Michigan State University)

Michael Francis Haverkamp,  
Cincinnati  
B.B.A. (University of Cincinnati)

David Sterling Hay, Zanesville  
B.A. (Duke University)

Anthony Michael Heald, Delaware  
B.A. (Ohio Wesleyan University)

Robert Edward Hickey, Jr., Dayton  
B.S.Ed.

David William Hilkert, Akron  
B.A. (University of Akron)

Raymond William Hohenberger,  
Warren  
B.A.; M.A. (Harvard University)

Michael Hohn, Bowling Green  
B.A. (College of Wooster)

John William Hosterman, Columbus  
B.A. (Dartmouth College)

Jimmy Davis Hull, Kosciusko, Miss.  
B.S.Bus.Adm. (Alcorn Agricultural  
and Mechanical College)

Stephen Charles Hunter, Dayton  
B.S.

Richard Allen Jordan, Cincinnati  
B.S. Phys., M.S.

Charles Israel Kampinski,  
South Euclid  
B.A.

Larry Allan Karns, Carrollton  
B.A.

Donald Richard Keller, Bucyrus  
A.B. (Heidelberg College)

Richard Marvin Kerger, Ashtabula  
B.A.

Sandra Sue Kerrick, Huntley, Ill.  
A.B. (University of Illinois)

Richard Thomas Kettler, Canton  
B.A. (Kent State University)

Louis Harvey Khourey, Jr., Canton  
A.B. (University of Chicago)

Martin Fredrick Killingham,  
Jamaica, N. Y.  
B.A. (Morehouse College);  
M.A. (University of Toledo)

James Richard King, Granville  
B.A. (Miami University)

Tunney Lee King, Columbus  
B.A.

Edwin Lee Kirby, Jr., Columbus  
B.A. (Mount Union College)

Charles Howard Knight, Chester  
B.B.A. (Ohio University); M.B.A.

Daniel Vaughn Koppenhafer, Jr.,  
Fairborn  
A.B. (University of Notre Dame)

Edward Marshall Kress, Dayton  
B.S. (Miami University)

Ronald Azo Lauderdale, Columbus  
B.A.

Myron Dale Leeper, Jr., Columbus  
B.A. (College of Wooster)

Edward Paul Leibensperger,  
Columbus  
B.A. (Muskingum College)

Peter Samuel Lerner,  
Great Neck, N. Y.  
B.A. (Columbia University)

Stephen Lewis, Dayton  
B.A.

William Boyd Logan, Jr., Columbus  
B.A. (Princeton University)

Carroll William Lutz, Columbus  
B.A.

Douglas Michael Mancino,  
South Euclid  
B.A. (Kent State University)

Robert Edgar Mapes, Freeport, N. Y.  
B.A. (Ohio Wesleyan University)

Rodger Allen Marting, Ironton  
B.S.E.E. (Ohio University);  
M.B.A. (Harvard University)

John Bernie Mashburn, Xenia  
B.A. (Wright State University)

George Otis Mathewson, Toledo  
B.S.

Karl Edwin May, Hicksville  
B.A. (Ohio Northern University)

James Donald McNamara, Oxford  
B.A. (Miami University)

Richard Evert Melanko, Shadyside  
B.B.A. (Ohio University)

Robert Ewell Miles, Pittsburgh, Pa.  
B.A.

Steven Miller, Lima  
B.S. (United States Air Force  
Academy)

Glenn Edward Monroe, Paulding  
B.A. (Muskingum College)

William Stanley Morton,  
North White Plains, N. Y.  
B.S.

Donald Paul Muenz, St. Louis, Mo.  
B.S.

Philip Anthony Mullin, Jr., Kettering  
A.B. (Xavier University)

William Lucas Neal,  
Mountain View, Calif.  
B.S. (Miami University); M.B.A.

Jan Stuart Neiman,  
South Orange, N. J.  
B.S.Bus.Adm.

Beverly Ann Nelson,  
Philadelphia, Pa.  
B.A. (Franklin and Marshall  
College)

James Lee Nichelson, Lima  
B.S.Agr., M.S.

Ronald Benjamin Noga, Parma  
B.S.Bus.Adm.

Ronald Joseph O'Brien, Columbus  
B.A. (Ohio Dominican College)

Timothy Allen Oliver, Versailles  
B.S.Bus.Adm.

Kevin Jesse Osterkamp, Amber, Ia.  
B.B.A. (University of Iowa)

LeRoy Pernell, Brooklyn, N. Y.  
B.A. (Franklin and Marshall  
College)

Vittorio Eugenio Porco,  
Lansing, Mich.  
B.A. (Michigan State University)

Frederick Langdon Ransier,  
St. Albans, N. Y.  
B.A. (Central State University)

## College of Medicine

Dean: Henry G. Cramblett, M.D.

Kathleen Hayes Ransier,  
Huntington, W. Va.  
B.A. (Western College for Women)

Suzanne Kay Richards, Copley  
B.A. (Saint Mary's College, Indiana)

David J. Ricketts, Youngstown

Steven Roger Riemer, Beachwood  
B.B.A. (Ohio University)

John Robert Roach, Columbus  
A.B. (University of Notre Dame)

Steven Douglas Rowe, Columbus  
B.A. (Miami University)

Margaret Briggs Samuels, Carroll  
B.A. (Blackburn College)

Lyle Richard Saylor, Youngstown  
B.A. (Miami University)

Dale William Schiming, Parma  
B.S.Bus.Adm.

Stephen Robert Schmidt,  
Louisville, Ky.  
B.A. (Saint Louis University) ; M.A.

Charles Howard Schottenstein,  
Columbus  
B.A.

Glenn Joshua Schwartz, Youngstown  
B.A. (Miami University)

Michael Alan Shapiro, Cleveland  
B.A.

Warren James Sika, Garfield Heights  
B.A.

Jeffrey Foster Slavin,  
Shaker Heights  
A.B. (Ohio University)

David Ashton Snavelly, Toledo  
B.A. (University of Michigan)

Michael Spurlock, Dayton  
B.S.

Ronald Criss Stansbury, LaCarne  
B.A.

John Paul Steines, Jr., Warren  
B.I.E. (General Motors Institute)

Ira Bennett Sully, Columbus  
B.A.

Robert Hugh Taylor, Columbus  
B.A. (John Carroll University) ;  
M.Ed. (Kent State University)

Stephen Frederick Tilson, Delaware  
B.A. (Ohio Wesleyan University)

Louis Ernest Tosi, Martins Ferry  
B.A.

Jerry Van de Werken, Oaklawn, Ill.  
B.A. (Hope College)

Douglas Warren Vanscoy, Urbana  
B.A. (DePauw University)

Leslie Varnado, Jr., Magnolia, Miss.  
A.B. (Jackson State University)

Shelley Jan Venick, Dayton  
B.A. (Indiana University)

Barry Alan Waller, Bratenahl  
B.A.

James Cary Warner, Zanesville  
B.A. (Grove City College,  
Pennsylvania)

Robert Warren, Jr., Fairview Park  
B.S.Bus.Adm.

Philip Joseph Weaver, Jr.,  
Rocky River  
B.A. (Wittenberg University)

Sheldon Howard Weisberg,  
University Heights  
B.A.

Eugene Phillip Whetzel,  
New Salem, Pa.  
B.A. (Pennsylvania State University)

Robert Dean White, Columbus  
B.A.

Hugh Richard Whiting, Columbus  
B.A. (University of Michigan)

Lois Gayle Williams, Mansfield  
B.A. (University of California at  
Riverside) ; M.A. (Kansas State  
University)

Terrence Willingham, Cleveland  
B.A. (Ohio University)

Nicholas Brown Wilson, Columbus  
B.S. (United States Military  
Academy) ; M.B.A.

Lawrence Edward Winkfield,  
Jersey City, N. J.  
B.A.

Jeffrey L. Wright, Sabina  
B.S.

Laurie Ann Young,  
University Heights  
B.S.

John Frederick Zimmerman, Jr.,  
Canfield  
B.A. (Athenaeum of Ohio) ; M.A.

## Doctor of Medicine

One hundred and seventy-one candidates

Thomas Ray Alexis, Cambridge  
B.A. (Kent State University)

Robert Louis Andras, Springfield  
B.S.

Carl Franklin Ansevin, Youngstown  
A.B. (Youngstown State University)

Abner Harvey Bagenstose, III,  
Montgomery  
B.S. (Dickinson College)

Edward Joseph Baltes, Youngstown  
A.B. (Youngstown State University)

Marvin Lawrence Bame, Arlington  
B.A. (Manchester College)

Richard Lee Bauer, Ohio City  
B.A. (Valparaiso University)

Charles Vincent Bender,  
Detroit, Mich.  
B.S. (University of Detroit)

Michael Edward Bestic, Youngstown  
B.S. (Youngstown State University)

Nan Marie Bissell, Akron  
B.S. (University of Akron)

Louis Berry Brockmeier, Cincinnati  
B.A. (Williams College)

Lawrence Stephen Broda, Jefferson  
B.S. (John Carroll University)

Bryan Thomas Burney,  
Parma Heights  
B.A. (DePauw University)

Charles Ralph Bush, III, Youngstown  
A.B. (Youngstown State University)

Craig Blake Cairns, Tipp City  
B.S.

Emanuel Calenoff, Cincinnati  
B.A. (Northwestern University)

Ernest Sante Carducci, Steubenville  
B.S. (University of Notre Dame)

Darryl Robert Cherdrone,  
Williamsville, N. Y.  
B.S.E.E. (University of Michigan)

Eric Mark Chevlen, Youngstown  
B.A. (Case Western Reserve  
University)

Sandra Kay Clapp, Euclid  
B.S.

Michael Lawrence Clark, Toledo  
A.B. (University of Detroit)



Douglas Frank Clough,  
Highland Heights  
B.A. (College of Wooster)

Mary Brozovich Coffindaffer, Toronto  
B.S.

Robert Thomas Colacarro,  
Cleveland Heights  
A.B. (Case Western Reserve  
University)

Gary Alan Colner, South Euclid  
B.A.

William Francis Conway, Kent  
B.A. (University of North Carolina)

William Edgar Copeland, Jr.,  
Columbus  
B.A. (Ohio Wesleyan University)

John Warren Cox, New Carlisle  
B.S. (Wright State University)

Jeffrey Crawford, Sheffield Lake  
B.A. (Ohio Wesleyan University)

Carl Albert Culley, Jr., Parma  
A.B. (Case Western Reserve  
University)

Michael Terrence Czuba, Dayton  
A.B. (Kenyon College)

Richard Lee Damschroder,  
Gibsonburg  
B.S. (Bowling Green State  
University)

James Howard Daniel, Bellevue  
B.S. (Bowling Green State  
University)

Daniel Reif Daugherty, Delaware  
B.S. (Houghton College)

Steven Junior Dean, Lancaster  
B.S. (Ohio University)

Karen Marie Denwicz,  
Franklin Park, Pa.  
B.S.

Charles Alan Derrow, Columbus  
B.S. (University of Michigan)

Douglas Scott Dewar, Kenton  
B.A. (Miami University)

Mark Philip Diamond,  
Shaker Heights  
B.A. (University of Pennsylvania)

Dennis Michael Doody, Columbus  
B.S. (Ohio Dominican College)

Paul D. Dusseau, Toledo  
B.A. (University of Notre Dame)

James Lloyd Evans, Van Wert  
B.S. (Bowling Green State  
University)

Mary Papas File, Akron  
B.S. (University of Michigan)

Wesley Filipow, Parma  
B.S. (Ohio University)

Robert Lewis Fine, Cincinnati  
B.A. (University of Texas)

Robert Edward Finelli, Columbus  
B.S.

Oran Daniel Fox, Amberly Village  
B.S. (University of Cincinnati)

Jerry Alan Friemoth, Ottoville  
B.S.

Robert Mark Fumich, Lyndhurst  
B.A. (Case Western Reserve  
University)

Craig Rudolph George, Parma

Keith Eugene Girtan, Columbus  
B.A. (Otterbein College)

Gerald Anthony Giurato, Canfield  
B.S. (University of Notre Dame)

Frank John Glavan, Cleveland  
B.S. (John Carroll University)

Janet Irene Gordon, Stow  
B.S. (University of Pittsburgh)

James Richard Goske, Parma  
B.S. (Ohio University)

Jerome Louis Gottschall, Dayton  
B.S. (University of Dayton)

Bruce William Graham, Lancaster  
B.A. (Grinnell College)

Gregory Mark Gray, North Canton  
B.S.

Ronald Eugene Grimwood, Jr.,  
Mansfield  
B.S.

Thomas George Grossman,  
Omaha, Neb.  
B.A. (DePauw University)

Michael David Gunzenhaeuser, Toledo  
B.A. (University of Toledo)

Timothy Burr Hacker, Clyde  
B.S. (Ohio Northern University)

Geoffrey Kay Hammond, Hudson  
B.A. (Miami University)

Jon Michael Hansen, Cincinnati  
B.S. (University of Cincinnati)

Randall Coleman Hastedt, Dover  
B.A. (Albion College)

Glenn E. Hatfield, Columbus  
B.S. (University of Michigan)

James Lawrence Helmers, Dayton  
B.S. (University of Dayton)

Stephen David Helper, Lyndhurst  
B.A. (Miami University)

Susan Porter Helper, St. Clairsville  
B.S. (Ohio University)

David Edward Henderson, Cincinnati  
B.S. (Case Western Reserve  
University)

James Douglas Henson, Springfield  
B.A. (Miami University)

Eugene David Herrmann, Cincinnati  
B.S. (Georgetown University);  
M.A. (University of Michigan)

Harold Edgar Hestand, Columbus  
B.S.

Nancy Lee Hestand, Columbus  
B.S.

Paul Forrest Hine, North Canton  
B.S. (Purdue University)

John Phillip Jentes, Wooster  
A.B. (Taylor University)

Jo Ann Jones, Memphis, Tenn.  
B.S. (Memphis State University)

Frank Juhant, Cleveland  
B.S. (University of Notre Dame)

Jerome Edward Kaufman, Cleveland  
B.S.

Richard Joseph Kempert, Parma  
B.S. (University of Dayton)

Sanford Richard Kimmel, Scio  
B.S.

Harry Stephen King, Columbus  
B.S.E.E. (Stanford University);  
M.S., Ph.D.

Theodore Kent Krisher, Worthington  
B.S.

Robert Dale Kukla, Solon  
B.A. (Miami University)

Konstantin Kuschnir, Cleveland  
B.S. (Case Institute of Technology)

Margaret Mary Layde,  
Milwaukee, Wis.  
B.A. (University of Wisconsin); M.S.  
(Case Western Reserve University)

Charles Brooks Levin, Cincinnati  
B.A. (University of North Carolina)

John William Liedel, Toledo  
B.S. (Xavier University)

Agnes Alice Lina, Cleveland Heights  
B.A. (Case Western Reserve  
University)

- Norman Kent Linton, Jamestown  
B.A. (Miami University)
- Kathleen Driver Long, Lima  
B.A. (Manchester College)
- Mary Ann Lunsford, Fairview Park  
B.S. (University of Michigan)
- Gary Philip Luppens, Toledo  
B.A. (University of Toledo)
- Larry Howard Lytle, Warren  
B.S. (Purdue University)
- April Brandeberry Magnussen,  
Gallipolis  
B.S. (Marietta College)
- Raymond Daniel Magorien,  
Woodsfield  
B.S.
- James Cleveland Maher, III,  
Shaker Heights  
B.S. (University of Notre Dame)
- Daniel Richard Masys, Columbus  
A.B. (Princeton University)
- Richard Eugene McCleard, Jr.,  
Columbus  
B.S.
- Mark Colman McGannon, Cleveland  
B.S. (Xavier University)
- Michael James Meagher, Columbus  
B.S.
- Steven Mendelsohn, Cincinnati  
B.S.M.E. (Carnegie-Mellon  
University); M.S.M.E. (Stanford  
University)
- Patrick David Meyer, Columbus  
B.A. (Miami University)
- Donald Frederic Middendorf,  
Cincinnati  
B.S. (Xavier University)
- John Ronald Mikolich, Youngstown  
B.A. (Johns Hopkins University)
- Lynn Gasser Mikolich, Youngstown  
A.B. (Youngstown State University)
- Robert Joseph Miller,  
University Heights  
B.S. (John Carroll University)
- John Louis Millns, Jr., Toledo  
B.S. (University of Toledo)
- Daniel Jeffrey Mountcastle,  
Louisville  
B.A. (College of Wooster)
- Philip Francis Myers, Jr.,  
Cuyahoga Falls
- Nicola Blagoy Nicoloff, Lorain  
B.S.
- Michael Stephen Nupuf, Canton  
B.A. (Northwestern University)
- Carl Dean Obenauf, Hazel Crest, Ill.  
B.S. (University of Illinois)
- David Warren Olson,  
Cherry Hill, N. J.  
A.B. (Cornell University)
- Lawrence Allen Pabst,  
Parma Heights
- Michael Francis Para, Akron  
B.S. (Michigan State University)
- Thomas Eugene Parker, Wadsworth  
B.A. (Denison University)
- James Norman Parsons, Willoughby  
B.A. (Hiram College)
- Howard Charles Pitluk, Cleveland  
B.A. (Northwestern University)
- Robert Charles Prophater, Jr.,  
Greenville  
B.S.
- Jeffery Jay Rabinovitz, Beachwood  
B.A. (Washington and Jefferson  
College)
- Michael Eugene Ralston, Van Wert  
B.S.
- Susan Elizabeth Rector, Sylvania  
B.A. (Ohio Wesleyan University);  
M.S.
- Thomas Francis Reynolds, Toledo  
B.S. (Creighton University);  
M.S. (Northwestern University)
- Karen Schulder Rheuban,  
Jamaica, N. Y.  
B.A. (University of Rochester)
- Jurgen Karl Rieger, Dayton  
B.A. (Otterbein College)
- Willem Kearns Rivenburg, Powell
- Rosemary Roberts, Columbus  
B.S.
- Patricia Grayson Robinson,  
Shaker Heights  
B.A. (Fisk University); M.S.
- James Richard Rohrbaugh,  
South Euclid  
B.A. (Yale University)
- Ralph Richard Romaker, Cridersville  
B.S.
- Bennett Sanford Romanoff, Toledo  
B.A. (Miami University)
- Jeffrey Warren Russell, London  
B.S. (Ohio University)
- Charles Richard Ryan, Springfield  
B.A.
- John Steven Sandy, Columbus Grove  
B.S.
- Albert Joseph Sayed, Toledo  
B.A. (University of Colorado)
- Stephen Denman Scarbrough,  
Fredericktown  
B.S.
- Lynn Reiheld Schira, Orrville  
B.S.Ed.
- George Michael Schmits, Cincinnati  
B.S. (University of Notre Dame)
- David Lee Schumaker, Oregon  
B.S. (Capital University)
- Robert Steven Schwartz, Cincinnati  
B.S. (University of Michigan)
- Ira Shafran, Cleveland Heights  
B.S.
- Henry Craig Slesman, Wooster  
B.A. (College of Wooster)
- David Michael Smith, Steubenville  
B.A. (College of Steubenville)
- Melinda Susan Snyder, Dayton  
A.B. (Miami University)
- Connie Lou Speer, Columbus  
B.S.
- David William Spriggs, Fremont  
B.S.
- Richard John Sterba, Lakewood  
B.A.
- Mark Russell Stevens, North Canton  
A.B. (Indiana University)
- Dennis Patrick Sullivan, Springfield  
B.S.
- Philip Eugene Sutherland, Findlay  
B.S. (Bowling Green State  
University)
- Richard Loring Sutton, Euclid  
B.S.
- Diane Tallo, Masury  
B.S. (Youngstown State University);  
M.S.
- Michael Dean Tharp, Columbus  
B.A. (Ohio Wesleyan University)
- Larry Wayne Thompson, Corbin, Ky.  
B.S.E.E. (University of Kentucky)

Ronald Edward Thompson,  
Avon Lake  
B.A. (Thiel College)  
Michael Anthony Tranovich, Bellaire  
B.S.

Thomas John Trump, Lima  
B.A. (Miami University)

Stephen John Tymcio, Cleveland  
B.S. (University of Notre Dame)

Robert Charles Urbanic, Akron  
B.S. (University of Notre Dame)

John Edward Van Hooydonk,  
Rochester, N. Y.  
B.S.Ed., M.A. (State University of  
New York College at Buffalo)

Vernon William Vore, II,  
Chiquimula, Guatemala  
A.B. (Asbury College)

Alan Marvin Wagner, Cincinnati  
B.S. (Tulane University)

John Richard Walter, Warren  
B.S.

Bruce Dawson Weinlander,  
Springfield  
B.A.

Douglas Albert Wemmer,  
Battle Creek, Mich.  
B.A.

Richard Allen Wepsic, Akron  
B.A. (University of Rochester)

Susan Jeannette White, Akron  
B.A. (Albion College);  
M.S. (University of Michigan)

Joseph Paul Whitlatch, Columbus  
B.S. (University of Notre Dame)

Jonathan Keith Wilkin,  
Newcomerstown  
B.A., M.S.

Howard Frederick Wunderlich,  
Springfield  
B.S. (University of Kentucky)

## School of Allied Medical Professions

### Bachelor of Science in Allied Health Professions

One hundred and twenty-one candidates

Teresa Ann Adkins,  
Huntington, W. Va.  
Barbara Jane Ark, Enon  
Barbara Amy Ashcraft, North Canton

Leslie Ann Bennett, Elyria  
Susan Sarah Best, Mentor  
Judith Grucella Blazewicz, Akron  
David Mark Bolinsky,  
Tonawanda, N. Y.  
Suzan Gast Brown, Galion  
Lynn Deborah Burgmann, Parma  
Judith Lynn Butler, Wickliffe  
Michael William Callahan, Columbus  
B.S.

Dale Alan Claes, Shelby  
Susan Ann Clyde, Ironton  
John Anthony Cocumelli, Steubenville  
Christine Beth Conrad, Dayton  
Norman Wesley Cordell,  
Oklahoma City, Okla.

Michelle Susan Cronk, Mansfield  
Leta Elizabeth Davis, Columbus  
Polly McClain Dieter, Youngstown  
Marie Ann DiTomas,  
Cleveland Heights  
Sandra Adkins Dyke,  
Huntington, W. Va.

Sandra Kathryn Egan, Columbus  
Robert Paul Etter, Marietta  
Linda Joyce Fields, Cleveland Heights  
Herb Joseph Follas, Chesterland  
Christina Marie Forsythe, Cleveland  
Charles Arthur Francis, Jr.,  
Winterville

Ina Josephine Frisch, Upper Sandusky  
Rebecca Jo Garbett, McKeesport, Pa.  
Mary Beth Gardner, Cincinnati  
Paulette Bonsteel George,  
West Lafayette

Barbara I. Gladman,  
Broadview Heights  
Debra Faith Goodman, Columbus  
Anne Nathalie Green,  
East Meadow, N. Y.  
Mary Jane Gultinan,  
Newport Beach, Calif.

Jane Anne Hammond,  
Tonawanda, N. Y.  
Susan Gwen Hartzler, Urbana  
Denise Lynn Heath, London  
Victoria Anne Heck, Kettering

Marilyn Sue Hendrick, Leavittsburg  
Judith Ann Henry, Mansfield  
Deborah Roe Holser, Columbus  
Linda Diane Hummel, Bloomdale  
Vicky Stark Humphrey, Columbus  
Carol Suzanne Jackson, Mansfield  
Marilyn Jean Juhasz, Cleveland  
Linda Sue Justison, East Palestine  
Jennie Mae Kane, Cincinnati  
Kristen Wright Kennedy, Columbus  
Catherine Lee Kentrup, Cincinnati  
Catherine Ann Ker, Brecksville

Kristen Louise Klaiber, Marietta  
Gloria Jean Klay, Canton  
Elizabeth Ann Klein, Bellevue  
ZoeAnn Sterba Komaransky,  
Lakewood

Elise Ann Lillmars, Haverford, Pa.  
Cynthia Ann Lippert, Louisville  
Cynthia Louise Lofgren, Columbus  
Cheryl Lynn Lusin, Lakewood  
Thomas Charles MacAdam, Galion  
Barbara Lynn Maltz, Columbus  
Miriam Rita Margolis,  
University Heights

Michael George Marinecz, Novelty  
Richard Lane Marshall, Lancaster  
Kathleen Mary Marzine, Warren  
Marilyn Celia Mayer,  
Colorado Springs, Colo.

Janet Swain McCloud, Columbus  
Janice Booher McClung, Tiffin  
Susan Powers McCosker,  
Bradenton, Fla.

Marlene Ann McCrate,  
Columbus Grove  
Christine Irene McGough, Poland  
Barbara Lynn McMullen, Cambridge  
Paul Oscar Meloni, Barnesville

Laurel Rae Najarian, Swanton  
Joyce Carol Napolz, Cleveland  
Jennifer Lynn Otto, Frankfort, Ill.  
Martha Deborah Palguta, Euclid  
Nancy Richards Palmer, Coal Grove  
Janet Karius Partyka, Maple Heights  
Theresa Kay Poland, Cutler  
Ellen Maria Quintilian,  
Baltimore, Md.

Mary Agnes Rees, Columbus  
Hilda Reyes, Zanesville  
Robert Richard Rice, Elyria  
Sandra Louise Gonakis Ridhibhinyo,  
Euclid

Debra Mae Rosenberg, Flushing, N. Y.

Allen Michael Schwartz, Fremont  
Elizabeth Ann Shepherd, Akron  
Diane Sue Shuller, Cincinnati  
Diane Lynn Siegel, South Euclid  
Kimberly Ann Slaney, Baltimore  
John Leslie Smith, Bucyrus  
Melva Jean Spangle, Berea  
Vicki Lynn Spear, Cincinnati  
Kenton Jon Spuehler, Columbus  
Joan Elizabeth Staggars, Cambridge  
Jan Jefferson Stokes, Lancaster  
Patricia Anne Tefft, Toledo

Sally Ann Terrell, Elyria  
Kathleen Theresa VanDane, Dayton  
Thomas George Vent,  
Upper Sandusky

Marcy Ann Vernon, Kettering  
 Mary Ann Vetter, Portsmouth  
 Shirley Ann Violand, Minerva  
 Linda Ann Virden, Troy  
 Kathleen Ann Vogel, Columbus  
 Joyce Marie Wade, Galloway  
 Margaret Lyle Walker, Springfield  
 David Urias Wallace, Woodsfield  
 Jacqueline Rose Weber, North Bend  
 Linda Kay Weber, Woodsfield  
 Marilyn Sue Weiland, Columbus  
 Diane Weintraub, Canton  
 Robin Ynid Weissman, Chicago, Ill.  
 Myra Colleen Williams,  
 Cleveland Heights  
 Donald James Williamson,  
 Murfreesboro, Tenn.  
 B.S. (Middle Tennessee State  
 University)  
 Jayme Sue Wilson, Worthington  
 Susan Jane Wittenauer, Kent  
 Sandra Jean Yost, Canton  
 Mary Carolyn Young, Rocky River  
 Pamela Kay Zellner, Bucyrus

#### **Certificate of Nurse Anesthetist**

Three candidates

Vivian Johnson Cole, Lancaster  
 Judy Ann Daus, Columbus  
 Roseann August Morrison, Zanesville

#### **Certificate of Post Baccalaureate Circulation Technologist**

One candidates

Diana Spencer Butler, Bowling Green  
 B.S.

#### **Certificate of Post Baccalaureate Medical Technologist**

One candidates

Joe Ching-Yuan Hsieh,  
 Kaohsiung, Taiwan  
 B.S. (Taiwan Provincial  
 Chung-Hsing University)

#### **School of Nursing**

##### **Bachelor of Science in Nursing**

Two hundred and twenty-six candidates

Barbara Asmus Adams, Columbus  
 Darla Gay Allman, Cincinnati  
 Margaret Jenkins Alspach, Columbus  
 Mary Kay Armstrong,  
 Shaker Heights  
 Jane Loree Aukerman, Eaton  
 Brenda Faye Austin, Columbus  
 Laura Grooms Baker, Raymond  
 Norma Jean Baker, Rawson  
 Rebecca Louise Bankard, Dayton  
 Jane Marie Barbuscak, Lorain  
 Peggy Jean Barnum, Columbus  
 Ann Elizabeth Barrett,  
 East Cleveland  
 Elizabeth Jane Baxter, Columbus  
 Joan Beckham, Cincinnati  
 Margaret Anne Behan, Chagrin Falls  
 Diana Louise Benedick,  
 Cortland, N. Y.  
 Dorothy Ann Bennett, Somerset  
 Mary Ann Steiger Billiet, Columbus  
 Debra Bea Bing, Olathe, Kan.  
 Rosemary Blanchet, Columbus  
 Laurel Jean Bletcher, Shaker Heights  
 Pamela Marjorie Blodgett,  
 Fairview Park  
 Kay Ann Bobbitt, Columbus  
 Janice Ann Bolton, Venedocia  
 Ruth Irene Bope, Somerset  
 Lois Ann Bosken, Cincinnati  
 Christine Marie Bova, Cincinnati  
 Robert Bradley, Columbus  
 Pamela Starr Brooks, Columbus  
 Mildred Holliday Brown, Columbus  
 Susan Renee Burchfield, Columbus  
 Beverly Joan Burke, Columbus  
 Janine Lois Calosio, Joliet, Ill.  
 Christine Marie Campton, Grove City  
 Judith Mathewson Candelora,  
 Columbus  
 Debbie Ann Cannon, Grove City  
 Karen Jo Carothers, Niles  
 Carrie Shafer Chamberlain,  
 Rushsylvania  
 Mary Michele Charles, Zanesville  
 Joan Taylor Cikra, Columbus  
 Deborah Ann Coan, Clayton, Mo.  
 Paula Marie Cornell,  
 Baton Rouge, La.  
 Stephen Wesley Crabtree, Lorain  
 Linda Cheryl Croft, Delphos  
 Christine Marie Curtis, Rocky River  
 Barbara Jean Czelusta, Toledo

Rhonda Ervin Dailey, Racine  
 Vicki Lynn Davis, Hollywood, Fla.  
 Doreen Denega, Parma Heights  
 Maureen Elaine Dessecker,  
 New Philadelphia  
 Ellen Louise Dettra, Richwood  
 Cathy Ann Devitt, Amsterdam  
 Suzanne Barbree DeWoody, Columbus  
 Jean Mary Dickinson, Parma  
 Marguerite Mackert DiMarco,  
 Cleveland  
 Catherine Maurer Druckenmiller,  
 Wooster  
 Janice Louise Dull, Barberton  
 Pamela Michelle Edwards, Cleveland  
 Jane Eidemiller, Casstown  
 Miriam Eileen Einstein,  
 Vineland, N. J.  
 Penelope Bonte Ekegren, Columbus  
 Beverly Anne Elliott, Marion  
 Janet Tillie Elmerick, Cleveland  
 Michele Conrad Emmert, Columbus  
 Deborah Rose Engelhardt, Dayton  
 Christine Ewing, Worthington  
 Jack Wayne Fillingier, Columbus  
 Victoria Lynn Fleckenstein,  
 Cincinnati  
 Lorraine Sowers Fosnaugh, Columbus  
 Joyce Anderson Foster, Centerburg  
 Ellen Turner Fox, University Heights  
 Gail Maxsom Frankeberger,  
 Lewiston, N. Y.  
 Michele Ann Frantz, Sidney  
 Pamela Jean Freund, Columbus  
 Lynne Moser Genter, Columbus  
 Margaret Ann Gerds, Columbus  
 Lynne Mary Gibala, Youngstown  
 Virginia Lynn Gilmore, Wheelersburg  
 Margaret Ruth Gleichert, Barberton  
 Debora Kay Goldberg, Cincinnati  
 Sandra Ilene Goldman,  
 Shaker Heights  
 Paula Jo Gonot, Bridgeport  
 Rebecca Lowe Goske, Delaware  
 Mary Leona Gritzmaker, Troy  
 Diane Miriam Grube, Rocky River  
 Barbara Jo Hagedorn, Cincinnati  
 Jennifer Frances Hahn, Worthington  
 Grace Loftus Halas, Lancaster  
 Robin Elizabeth Hall, Columbus  
 Victoria Blunk Hammond, Columbus  
 Karen Sue Hand, Columbus  
 Mary Susan Hansen, Akron  
 Patricia Ann Hemm, Ridgefield, Conn.  
 Linda Sorrell Heselton, Columbus  
 Lynne Beth Hibshman,  
 University Heights  
 Laura Jean Hiller, Kenton  
 Austine White Hoffman, Columbus

Carol Jean Hornbeck, South Vienna  
 Deborah Heiple Hoy, Columbus  
 Danny Duane Huffman, Rockport  
 Mary Martha Hughes, Sandusky  
 Margaret Ann Hutchison,  
   Pittsburgh, Pa.  
 Ellen Mary Hyslop, Brecksville  
 Peggy Jo Jenkins, Cincinnati  
 Julie Marie Joliat, Uniontown  
 Linda Marie Jurkovich, Westlake  
 Marsha Jean Kane, Defiance  
 Sandra Kay Keesee, Jackson  
 Judith Ann Kilmer, Oak Harbor  
 Karen Kay King, Swanton  
 Sue Ellen King, Amherst  
 Penny Kay Kinkelaar, Fairview Park  
 Laura Jeanne Kitaoka, Sylvania  
 Carolyn Hanson Koenig, Worthington  
 Candace Lynn Kolacz, Newton Falls  
 Margaret Quinn Krach, Columbus  
 Debra Marie Kreuz, Dayton  
 Charline Dolores Kuhn, Tiffin  
 Helene Neckrich Lampl, Girard  
 Jane Ellen Lapp, Chillicothe  
 Susan Jo Laubenthal, Perrysburg  
 Mary Therese Leben, Cleveland  
 Constance Elaine Lett, Orient  
 Susan Beth Liddy, Columbus  
 Mary Rita Lindisch, Columbus  
 Denise Long, Strongsville  
 Anne Elizabeth Loomis, Akron  
 Deborah Sue Lucas, Hammond, Ind.  
 Patricia Anne Machovec, Aurora  
 Paula Kyle Mack, Norton  
 Kathryn Ryan Mardis, Columbus  
 Christine Milan Marschinke, Columbus  
 Beatrice Emack Mason, Columbus  
 Dianne Maxwell, Dayton  
 Michele Hope McClaffin, Wakeman  
 Robyn Keck McCreary, Marion  
 Barbara Rae McLaughlin, Bay Village  
 Barbara Ann McLeod, Northfield  
 Beverly Annette McVay, Columbus  
 Cynthia Lee Meeker, Londonderry  
 Carolyn Baden Meyer, Defiance  
 Vicki Redden Miller, Columbus  
 Darnelia Moller, Cincinnati  
 Sandra Lynne Mosbacher,  
   Williamsburg  
 Jane Ann Moseley, Columbus  
 John Edward Nawalanic, Dublin  
   B.A.  
 Linda McNew Nelson, Galion  
 Judith Barbara Nozling, Columbus  
   B.S. in Ed. (Ohio Dominican  
   College)  
 Deborah Susan Nystrom, Mentor  
 Danielle Martha Olszewski, Parma  
 Maria Orlowsky, Brunswick

Victoria Lynn Orr, Worthington  
 Linda Margaret Oxley, Columbus  
 Karen Louise Packard, Columbus  
 Judith Elaine Parsley, Ironton  
 Evelyn Amellia Partridge, Columbus  
 Twila Gibson Paul, Columbus  
 Michael Gerard Perron,  
   New Middletown  
 Bonnie Lou Perry, West Unity  
 Margaret Bayly Petrosky, Columbus  
 Deborah Kay Pfarr, Columbus  
 Debra Ellen Phillips, Ravenna  
 Eleanor Dolloff Phillips, Columbus  
 Martha Seares Pitzer, Columbus  
 Janet Louise Pollis, Cincinnati  
 Julie Kay Ralston, Marion  
 Glenna Rose Ramser, Powhatan Point  
 Laura Adele Rath, Columbus  
 Mary Margaret Rayman, Lima  
 Pamela Sue Reakoff, Olmsted Falls  
 Susan Dempsey Reif, Parma  
 Nan E. Repasky, Canton  
 Marcia Anne Resing, East Liverpool  
 Linda Lee Rhea, Strongsville  
 Jennifer Jane Roberts, Worthington  
 Leslie Mildred Roush, Lima  
 Kyle Ann Rozance, Euclid  
 Margaret Dale Sato, Columbus  
 Ann Louise Sauer, Columbus  
 Betty Ann Schaefer, Toledo  
   B.Educ. (University of Toledo)  
 Mary Ann Kender Schmitt,  
   Mayfield Village  
 Karen Ann Schueller, Tallmadge  
 Donna Jean Sell, Columbus  
 Katherine Ann Seseck, Lorain  
 Margaret Ellen Shaver, Newark  
 Eileen Ann Shirer, Brecksville  
 Nancy Ann Sinclair, Columbus  
 Barbara Ann Sininger, Bryan  
 Mary Gregory Sinks, Columbus  
 Cynthia Westfall Smith, Greenville  
 Karen Elaine Smith, Springfield  
 Pamela Ann Smith, Cincinnati  
 John Douglas Snively, Minerva  
 Frances Jo Snyder, Shelby  
 Anastasia Marie Spinelli, Hamilton  
 Bonnie Ann Sprouse, Graytown  
 Pamela Sue Spyker, Ottawa  
 Deborah Alexander Stanley, Columbus  
 Linda Kay Stanley, Athens  
   A.B. (Ohio University)  
 Lisa Robin Stanley, Seaford, N. Y.  
 Valerie Lee Stephenson, Cincinnati  
 Carol Young Sterba, Columbus  
 Linda Sue Stolarski, Columbus  
 Julie Ann Stout, Westerville  
 Kathleen Marie Sutton, Convoy  
 Lucy Ann Tait, Columbus

Joan Marie Terveer, Alliance  
 Elaine Sandler Tetelman,  
   South Euclid  
 Gloria White Thompson, Findlay  
 Rose Marie Thrasher, Urbana  
 Carlene Diana Turner, Lancaster  
 Nancy Ann Turner,  
   University Heights  
 Joan Frances Twiss, Shelby  
 Annette Levy Upton, Solon  
 Ellen Marie Veselenak, Byesville  
 Mary Annastacia Volosin, Columbus  
 Constance Gaertner Vukin, Columbus  
 Bonnie Benedict Waddell, Newton, Pa.  
 Wanda Kay Warren, Findlay  
 Merrily Robbins Wholf, Columbus  
 Shoshanna Esther Williams,  
   Columbus  
 Claudia Ann Wolfe, Liberty, Ind.  
 Kathy Sue Woods, Martins Ferry  
 Marsha Belton Yawn, East Cleveland  
 Cynthia Buehler Yund, Cincinnati  
 Karen Marie Yurcak, Cleveland

## College of Optometry

Dean: Frederick W. Hebbard

### Doctor of Optometry

Forty-nine candidates

Joseph Francis Antochow,  
Maple Heights  
Kenneth G. Baker, Wyoming, Mich.  
Paul Alan Benzing, Cincinnati  
B.S.  
David Paul Caplan,  
Mt. Clemens, Mich.  
B.S. (Michigan State University)  
Willie H. Childress,  
South Charleston, W. Va.  
Mark Dale Cox,  
South Charleston, W. Va.  
Steven Jeffrey Curtis, Timberlake  
B.S. (Marietta College)  
Frank Salvatore DeCaria,  
Weirton, W. Va.  
B.A. (Saint Vincent College); B.S.  
Bart Vincent DePascale, Youngstown  
Gerald Kaye Dolan, Andover  
Thomas Dean Freed, Findlay  
B.S. Agr.  
Florencia Garcia, Warren  
Thomas Daniel Gilbert, Uniontown  
Frederic Troy Gordon, Madison, Wis.  
W. Thomas Green, Cambridge  
Allen Dale Griffiths,  
Washington C. H.  
B.S.  
Michael Kelly Harkins,  
Pleasant Ridge, Mich.  
Lonny Weslee Harrison,  
Pittsburgh, Pa.  
B.S.  
Charles Keith Harvey, Oil City, Pa.  
B.A. (Pennsylvania State University)  
Robert Michael Helmer, Columbus  
B.S.  
James Michael Hermann, Toledo  
B.S.  
Paul Allen Hoffman, Grove City  
B.S.  
Stephen A. Hoverman, Reynoldsburg  
B.B.A. (Ohio University)  
Andrew Joseph Kender, Dayton  
James William Kershaw, Kirtland

Stephen Warren Kimball,  
Nashua, N. H.  
Kenneth James Kolovich,  
Cleveland Heights  
Dennis Paul Lauck, Cincinnati  
B.S. (Xavier University)  
Allan Israel Marcus, Shaker Heights  
B.S.  
James W. Mason, Waterford  
James Brian Murphy, Sarasota, Fla.  
B.A. (Florida State University)  
Donald Alan Perlmutter, Toledo  
B.S.  
John Randolph Price, Jerusalem  
B.S. (West Liberty State College)  
William Raymond Reader,  
Howell, Mich.  
Thomas David Redick, Spencerville  
Steven LeRoy Rogers, Kenton  
B.S.  
Joseph Jeffrey Rudinsky,  
Uniontown, Pa.  
Roger Lee Saneholtz, Montpelier  
Gray William Sass, Toledo  
B.S. (Ohio University)  
Jeffrey Eric Schultz,  
University Heights  
B.S.  
Terry Rue Schultz, Falconer, N. Y.  
B.S.  
\*James Earl Sheedy, Alger, Mich.  
B.S. (Wayne State University)  
David Darnell Smith, Stow  
B.S. (Manchester College)  
David Paul Smits, Kimberly, Wis.  
\*Glenn Roberts Thayer, Defiance  
Alan Joseph Tolcin, Valley View  
Mark B. Vallo, Minster  
Martin Keith Windon,  
West Milford, W. Va.  
Keith Allen Woodard, Springfield

## College of Pharmacy

Dean: Lloyd M. Parks

### Bachelor of Science in Pharmacy

Seventy-seven candidates

Thomas William Arkwright,  
Youngstown  
Bruce Alan Berger,  
Cleveland Heights  
Rene Paul Bertheaud, Columbus  
Conley James Boyd, Massillon  
Timothy Lee Braden, Columbus  
Dean Paul Brill, Worthington  
George Alfred Clark, Columbus  
Joseph Clyde Clark, Oak Hill  
Robert Andrew Crunelle, Columbus  
Robert Bernard Curren, Bay Village  
Michael Patsy DeChristofaro, Niles  
Rudolph Dipold, Akron  
B.S. (University of Akron)  
Sara Lou Dowling, Proctorville  
Gregory Lee Duche, Warren  
B.S.  
James Wilson Easley, Columbus  
Laura Davis Enlow, Columbus  
John Andrew Eppich, Columbus  
B.S. (John Carroll University)  
William Eugene Fagan, Lancaster  
Randall Steven Frederick, Dunkirk  
B.S.  
Richard Alan Gray, Columbus  
John William Griffiths, Martins Ferry  
Barry Alan Grossman, Columbus  
Gene Louis Gunselman, Elyria  
B.S. (Ohio University)  
Spencer K. Hamilton, Jefferson  
James Henry Harris, St. Clairsville  
Thomas Duke Hesson, Columbus  
Robert Jay Hirsh, Columbus  
Patricia Ann Hobbs, Dayton  
David Louis Isaacs, Cleveland  
Rebecca Hoffman Jones, Columbus  
Robert Ward Kidston, Canfield

\* Also Master of Science, Graduate School

## College of Veterinary Medicine

Dean: C. Roger Smith

Rudolph Alan Kozan, Euclid  
Stephen Bernard Krinke, Bellevue  
Roderick Scott Lindsay, Columbus  
Vivian Jean Maggi, Columbus  
William Michael Maravy, Lancaster  
Dale Richard Martens, Columbus  
Kenneth Lee Martin, Cincinnati  
Ronald Frank Maxhimer, Columbus  
B.S.  
Mark Edward May, Sandusky  
Robert Joseph McClaskey, Columbus  
B.S.  
David James McLean, Richfield  
Judy Kay McQuinn, Middletown  
John Clemens Meyer, Minster  
Wilton Philip Moehle, Jr., Columbus  
Roger Dale O'Dell, Sciotoville  
Cecelia Sokol Parise, Youngstown  
Michael Parrett, Grove City  
Dennis Harold Penn, Columbus  
William B. Pfahl, Jr., Grove City  
Suzette Marie Pierard, Steubenville  
B.S. (Bowling Green State  
University)  
Ronald Gene Poling, Columbus  
B.S. (Eastern Kentucky  
University)  
Michael Francis Powell, Waynesville  
Gregory Protich, Akron  
William Martin Ronci, Jr., Struthers  
Lisa Blocher Salzer, Columbus  
Corinne Eve Shaevitz, Columbus  
Joseph Edward Sheliga, Jr.,  
Cleveland  
Jon Randall Shrivvers, Malta  
John Anthony Siciliano,  
Rochester, N. Y.  
Morry Bruce Snyder, South Euclid  
Daniel Edward Solak, Columbus  
Daniel Carmen Spadaro,  
Fayetteville, N. Y.

Raymond Lawrence Spassil,  
Youngstown  
Gabriel Steiner, Columbus  
Edward Harry Stolarski, Jr.,  
Westerville  
B.S.  
Roger Lewis Stroup, Columbus  
Suzanne Morgan Tansky, Logan  
Renée Janine Thomas, Warren  
Lois Virginia Thorp, Seaman  
Nicholas Anthony Votolato, Canton  
Robert Lee Waits, Lancaster  
Forrest James Whalen, Wickliffe  
William Thomas Winsley, Zanesville  
Nancy Ann Womeldorph, Newark  
David Norman Yamauchi, Columbus  
B.A. (Kenyon College)  
Jim Charles Yavorcik, Poland

### Doctor of Veterinary Medicine

One hundred and nineteen candidates

Charles Edward Acton, Jr., Parma  
B.A. (Kenyon College)  
Norman Kent Ames, Wilmington  
Michael B. Auslander, Bardstown, Ky.  
B.S. (University of Kentucky)  
John Milton Bach, Belle Center  
B.S.Agr.  
David William Ballinger, Hicksville  
B.S.Agr.  
Timothy Dail Banker, Morrow  
B.S. (Bowling Green State  
University)  
Roger L. Banta, Belle Center  
B.S.Agr.  
Linda Dale Barnett, Pikeville, Ky.  
Robert Charles Barney, Columbus  
B.S., M.S.  
James Alton Beamer, Canton  
B.S.Agr.  
Richard T. Bell, Shaker Heights  
B.S. (The Citadel)  
Marion Walter Belue,  
Brownsville, Tex.  
B.A. (Miami University)  
Joseph Henry Boecker, Minster  
John David Bonagura, Clifton, N. J.  
B.S.Agr.  
David Charles Boyer, Ashland  
B.S.Agr.  
Albert Leonard Brainard, Columbus  
Gary Steve Brent, Kent  
B.Sc. (Kent State University)  
Allan Sadler Brubaker, Eaton  
B.S.  
Thomas Preston Burgess,  
Oak Hill, W. Va.  
B.S.Agr. (West Virginia University)  
Richard Lee Chamberlain, Poland  
Robert Clifford Collett,  
New Burlington  
Laurence Keith Cook, New London  
B.S.Agr.  
John William Cougill, Westlake  
B.S.Agr.  
G. Jay Crissman,  
South Charleston, W. Va.  
B.S.Agr., M.S. (West Virginia  
University)  
Thomas Leo Cropper, Maysville, Ky.  
John Edward Dowler, Vienna, W. Va.  
B.S.Agr. (West Virginia University)

John Michael Duszak,  
Wilmington, Del.  
B.A. (University of Delaware)

Lawrence David Dysert, Summerfield

Thomas Emmett Ebenhack, Circleville

John Francis Edwards,  
Kingston, N. H.  
B.S.Agr. (University of New  
Hampshire)

Gary Nicholas Evanich, Minerva  
B.S.Agr.

Verne James Fairhurst, Mogadore  
B.S.Agr.

Roger Willis Finkenbine, Anna  
B.S. (Capital University)

Vicky Lynn Fogelman, Mentor

Raymond Maurice Fournier,  
Steubenville  
B.S.Agr.

David Irwin Frizzell, Spring Valley

James Robert Galvin, Toledo

Diane Kay Gerken, Columbus  
B.S. (Capital University)

Douglas Lane Gibson, New Carlisle

Lawrence James Giebel, Cincinnati

Billy Edison Harper, Jamestown

Robert Paul Harper, Columbus  
B.A.

James Michael Harvey, Cincinnati  
B.S. (Ohio University)

Timothy Lee Hayes, Quaker City  
B.S.Agr.

Gregory Brent Heisey, Newark

Tye Jan Henschen, Bowling Green

John Oliver Hornfeck, South Euclid

David Eldon Houx, Ada

David Jacobs, Wheaton, Md.  
B.S. (Bucknell University)

Robert Raymond Jerbic, Dayton

Paul Leland Jones, Dallas, Ore.

Karen Valerie Karaffa, Trenton, N. J.

Harold Steven Kaser, Saginaw, Mich.  
B.S. (Muskingum College); M.S.

Charles Lawrence Kidder,  
Sharpsburg, Ky.

David Alexander Kinleyside, Jr.,  
Cortland

Jerome Louis Klinger,  
Harrison, N.Y.  
B.S.Agr.

Clayton Charles Kowar,  
Parma Heights

Thomas Albert Krall, Avon

Gary Robert Krone, Elyria  
B.S.Agr.

Cynthia Jean Kuder, Seville

Gail Ann Kunkle, Perry

Gary Charles Lantz, Waterloo, Ia.

William H. Leed, II, North Canton  
B.S.Agr.

Timothy Thomas Lewis, Maineville

Ronald Lee Mahan, Columbus  
B.S.Ed. (Bowling Green State  
University)

Marjorie Catherine McMillan,  
Medford, Mass.

Paul Parks Mechling, II, Lancaster  
B.S.Agr.

Robert Francis Messenger,  
Charlotte, N. C.

Donn Carl Miller, Columbus

Jerry Woodrow Miller, Cincinnati

Thomas Alan Miller, Cincinnati  
B.S.Agr.

Alan George Moore, Norwalk  
B.S.Agr.

Charles Albert Moore, Kenton

David Lee Morris, Columbiana

Paul Gary Morris, Columbiana

Michael Paul Myers, Harpster

Charles Richard Nelson,  
Washington C. H.

Diane Sutherland Nelson,  
Sarasota, Fla.  
B.S. (University of Florida)

Nicholas Joseph Neutzling, Pomeroy  
B.S. (Ohio University)

Robert Harold Partridge, Oberlin  
B.A. (DePauw University);  
M.A. (Oberlin College)

Rita Erika Pencis, Hubbard

Jenifer Preston, Columbus

Delano Lightner Proctor, III,  
Lexington, Ky.

Ralph Fredrick Redden,  
Richmond, Ky.

Fred John Schlecht, Youngstown  
B.S. (Youngstown State University)

Richard James Schumann, Enon  
A.B. (Wilmington College)

Kenneth Lee Schunk, Cincinnati

Paul Edwin Shockey,  
Ravenswood, W. Va.  
B.S.Agr. (West Virginia University)

Michael Neal Sims, Elizabeth, W. Va.  
B.S.Agr. (West Virginia University)

Dwight Victor Skidmore,  
West Liberty

Gary Richard Smith, Cincinnati

Patrick Carson Smith, Waynesville  
B.S.Agr.

David Lee Snyder, Arcanum  
B.S.Agr.

Robert Allen Snyder, Greenwich

David George Soehnlen, Navarre  
B.A. (Walsh College)

John Lynn Spiker, Weston, W. Va.  
B.S.Agr. (West Virginia University)

John Alan Stick, Massillon

William James Stokes, Dresden  
B.S. (Muskingum College)

John Milton Strasser, Troy

Timothy Blair Swango, Columbus  
B.S.

Carl Stephen Swank, Troy  
B.S.Ed. (Miami University)

Joseph Tabery, Fremont

Thomas William Terbeck, Cincinnati  
B.S. (University of Cincinnati)

Dennis Lee Thompson, Toledo  
B.S. (University of Toledo)

Lynn Ann Thuma, Lima

Philip Edward Tinsley, Jr., Kettering

David Crawford Tollon,  
Riviera Beach, Fla.  
B.S. (University of Miami)

John Ewing Trego, Worthington

Alexander Hamilton Watts, Kettering

Eric Steven Wayne,  
Kew Gardens, N. Y.  
B.S.Agr. (Cornell University);  
A.A.S. (State University of New  
York Agricultural and Technical  
College at Farmingdale)

Paul Wayne Webb, Sidney  
B.S. Agr.

Linda Lee Werner, Wapakoneta

Michael David Whitacre, Xenia  
B.S.Agr.

Bruce Donald Wingerter, Carrollton

Robert Graber Wirt, Ravenna  
B.A. (Hiram College)

Arthur Wohlfeiler, South Euclid

Richard David Wulff, Cincinnati

Steven Edward Young, Loudonville

Robert Michael Zwerner, Miami, Fla.  
B.S. (Florida State University)



## Graduates With Honors

### Summa Cum Laude

Ilene Abramovitz, University Heights  
Deborah Allen Ahern, Newark  
Arlene Sue Ascherman, Columbus  
Jane Loree Aukerman, Eaton  
Antoinette Mary Baccanti, Columbus  
William Hedges Ballard, Columbus  
David Milton Batteiger, Columbus  
George Michael Bayer, Columbus  
Bruce Stephen Beyer, Columbus  
Joanne Marie Bilsing, Gallion  
Ella Barbara Bittikofer, Westlake  
Richard Alan Black, Worthington  
Hugh Blocksidge, Cleveland  
Janet Lippencott Boggs, Irwin  
Maureen Jane Bonace, Mansfield  
Sylvia Chesla Bower, Columbus  
Lowell Thomas Bowers, Greenville  
William Alan Boyd, Mowrystown  
Sharon Anne Boylan, Amherst  
Robert Mark Boysel, Ridgeway  
Mark Allan Brown, Flushing  
Nancy Gutfeld Brown, Columbus  
John Hamrick Burtch, Columbus  
Robert Spencer Chambers, Belpre  
Meredith Ann Charles, Columbus  
Michele Maurizio Cheadle, Arcanum  
Cheryl Barczak Chojnacki, Columbus  
David Allen Clemens, Chagrin Falls  
Sue Gathergood Colahan, Columbus  
John Sarkis Coury, Canton  
Kenneth Richard Cox, Cincinnati  
Edwin Allen Coy, Pemberville  
Charles Richard Craiglow, Louisville  
Gary Scott Cullen, Lorain  
Timothy Lee Deeter, Greenville  
John Robert Deller, Jr., Cincinnati  
Jean Mary Dickinson, Parma  
Christopher Philip Doane, Munroe Falls  
Richard McClain Dodsworth, Columbus  
John Hall Donaldson, New London  
Kenneth Joseph Doseck, Botkins  
James Cloy Duff, Youngstown  
Jerry Zail Edelman, Lima  
Eloise Wright Egbert, Columbus  
Jeffrey Stuart English, Chagrin Falls  
Lynn Sappie Esselstein, Alliance  
Richard Allen Fankhauser, Dundee  
Margaret Benedict Fawcett, Utica  
David Lewis Fawcisch, New Knoxville  
Phyllis Rae Fetzer, Medina  
Margit Alice Fischer, Columbus  
Richard Elden Flax, London  
Joyce Anderson Foster, Centerburg  
Sally Louise Fox, North Bellmore, N. Y.  
Mark Dennis Frasure, Waynesfield  
Irvin Joseph Gerling, Bradford  
Karen Frances Goldstein, Cleveland Heights  
Eric Dale Greer, Columbus  
Lisa Ann Haines, Columbiana  
Elsie Hall, Marietta  
Janine Vivien Haloostock, Columbus  
Penny Gardner Halterman, Columbus  
Richard Craig Handel, Columbus

Catherine Gail Hannaway, Cambridge  
Michael Lynn Harding, Trotwood  
Lois Marie Hartzler, Smithville  
Michael Francis Haverkamp, Cincinnati  
Barbara Elaine Herring, Norwich, Conn.  
Melissa Tyznik Hill, Columbus  
Ross Dillon Hollinger, Lima  
Dale Andrew Hruska, Parma  
Heinz Erhard Ickert, Mansfield  
Alicia Josefina Iglesias, Worthington  
Christine Marie Johnson, Hiram  
Doreen Claire Johnson, Cuyahoga Falls  
Robert Calvin Johnson, Okeana  
Diane Lenox Johnston, Grove City  
Charles Bradford Jones, Columbus  
Linda Sue Justison, East Palestine  
Charles Israel Kampinski, South Euclid  
Larry Allan Karns, Carrollton  
Denise Louise Kelley, Columbus  
James Richard King, Granville  
Tunney Lee King, Columbus  
Daniel Vaughn Koppenhafer, Jr., Fairborn  
Amy Susan Krupko, McDonald  
Paul Carl Lange, Jr., Coraopolis, Pa.  
Edward Paul Leibensperger, Columbus  
Patrick Michael Lenahan, Cincinnati  
Constance Elaine Lett, Orient  
David Earl Lieser, Dover  
James H. Liu, Middleburg Heights  
Lawrence S. Lockshin, Canton  
Frances Pace Lohrman, Lincoln, Neb.  
Kenneth Donald Long, North Olmsted  
Douglas Michael Mancino, South Euclid  
Nikki Jean Mann, Columbus  
Thomas Kent Manning, Charleston, W. Va.  
Randall Gene Martz, Columbus  
Paul Michael Marusiak, Akron  
William Charles Marvin, Fairfield  
Karl Edwin May, Hicksville  
Barry Jay Mazer, Birmingham, Ala.  
Elizabeth Ann McCullough, Ames, Ia.  
Christopher John McGath, Columbus  
Marjorie Catherine McMillan, Medford, Mass.  
Stephen Wilson Meagher, Columbus  
Linda Lou Meeder, Columbus  
Gary Gerard Meloeny, Birmingham, Mich.  
Iris Ruth Mendlowitz, McKeesport, Pa.  
Christopher Richard Meyer, Columbus  
Patricia Jo Meyer, Manchester  
Robert Ewell Miles, Pittsburgh, Pa.  
Diane Louise Miller, Dover  
Christian John Mixer, Columbus  
Robert Lawrence Mole, Columbia Station  
Rema Marie Monaco, Columbus  
Ralph Bernard Monnett, Jr., Columbus  
Gregory Dean Moreland, Grafton, W. Va.

Donald Paul Muenz, St. Louis, Mo.  
Bonita Polosky Murdock, Columbus  
William Lucas Neal, Mountain View, Calif.  
Roberta Irene Nickol, Cincinnati  
Thomas Lee Noland, Ridgeville  
Carl Dean Obenauf, Hazel Crest, Ill.  
Victor Omelchenko, Rochester, N. Y.  
Robert Harold Partridge, Oberlin  
Michael Allen Patterson, Ashland  
Jane Ann Pekarek, Cleveland  
Linda Lee Pennington, Lima  
Kristine Jean Peters, Chillicothe  
Linda Marie Podojil, Columbus  
Julia Ann Poirier, Columbus  
William James Ralph, Delaware  
Connie Jean Rase, Convoy  
Karen Schuler Rheuban, Jamaica, N. Y.  
Suzanne Kay Richards, Copley  
Mary Ann Rittman, Munroe Falls  
Peggy Mercer Roberts, Heath  
Mary Lynn Robertson, Ashland  
Lawrence F. Rubin, Columbus  
Anne Elizabeth Rusnak, Parma  
Arthur Daniel Saby, Cleveland  
Patricia Lou Schein, Williamsport  
Marc Leonard Schmidt, Cincinnati  
Stephen Robert Schmidt, Louisville, Ky.  
Donald James Schonhardt, Reynoldsburg  
Kenneth Lee Schunk, Cincinnati  
Diane Mary Schwegman, Coldwater  
Sandra Jean Scofield, Windsor  
James Raymond Scott, Chillicothe  
Lorraine Anne Shacklett, Waukegon, Ill.  
Patricia Ann Shaffer, Upper St. Clair, Pa.  
James Earl Shedy, Alger, Mich.  
Nancy Taylor Shepherd, Newark  
Jon Randall Shivers, Malta  
Deborah Joy Shubouf, Columbus  
Carol Lois Shuttleworth, Columbus  
Bonnie Sue Siferd, Elida  
Norman Randolph Simpson, Berea  
Michael Francis Singer, Defiance  
Michael Lee Snider, Columbus  
Michael Lee Snyder, Loudonville  
Vicki Lynn Spear, Cincinnati  
Nancy Lou Sponseller, Columbus  
Joan Elizabeth Staggers, Cambridge  
Ronald Criss Stanbury, Lacarne  
David Harry Starkey, Dublin  
Mary Marie Steiner, Upper Sandusky  
John Paul Steines, Warren  
Deborah Jean Stephan, Springdale  
Sandra Schrier Stephenson, Bucyrus  
Karen Louise Stewart, Pittsburgh, Pa.  
Deborah Jean St. John, Akron  
Thomas Lee Stober, Holgate  
Douglas William Stone, Cincinnati  
Sharon Ruth Stoner, Akron  
Ira Bennett Sully, Columbus  
Joan Kathleen Swartz, Wapakoneta  
Lucy Ann Tait, Columbus

Marijo Bernadette Tamburrino,  
Mansfield  
Merle Ann Teitelbaum, Chicago, Ill.  
Douglas Warren Vanscoy, Urbana  
James Edwin Watson, Atlanta, Ga.  
Douglas Leonard Weed, Columbus  
Virginia Gill Welty, Columbus  
Joann Ratza Werner, Columbus  
Hugh Richard Whiting, Columbus  
Dale Allen Wiseman, Columbus  
Cynthia Buehler Yund, Cincinnati  
George Edward Yund, Columbus  
Eric Lawrence Ziercher, Columbus  
John Frederick Zimmerman, Jr.,  
Canfield

**Summa Cum Laude and with  
Distinction in Agricultural Education**

Neil Charles Lehnhardt, Lucas

**Summa cum laude and with  
Distinction in Animal Science**

Michael E. Davis, Huntsville  
Ted Alan Gerber, Dalton

**Summa cum laude and with  
Distinction in Anthropology**

Michael Hiram Carpenter, Columbus

**Summa cum laude and with  
Distinction in Economics**

Robert Alan Crider, North Olmsted

**Summa cum laude and with  
Distinction in English**

Cynthia Lynn Lewis, Middletown

**Summa cum laude and with  
Distinction in Mathematics**

Frederick Martin Zeigler, Columbus

**Summa cum laude and with  
Distinction in Microbiology**

Kenneth Dean Rutherford, Columbus

**Summa cum laude and with  
Distinction in Music**

Roger Trent Nohl, Columbus  
Frederick Martin Zeigler, Columbus

**Summa cum laude and with  
Distinction in Natural Resources**

Nancy Jo Stranahan, Willoughby

**Summa cum laude and with  
Distinction in Psychology**

Jean Ellen Auran, Worthington  
John Alfred Rosenfield, Columbus

**Summa cum laude and with  
Distinction in Sociology**

Tommie Regena Sharp Miller,  
Columbus

**Summa cum laude and with  
Distinction in Zoology**

Charles Edward Cichra, Cleveland

**Cum Laude**

Ralph Lambert Abell, Cincinnati  
Marie Heinrich Abram, Columbus  
Natalie Joan Agnew, Columbus  
Kevin Lee Alexander, Maumee  
Richard Spalding Amundsen,  
Cherry Hill, N. J.  
David Milton Armstrong, Columbus  
Barbara Amy Ashcraft,  
North Canton  
William Robert Aycock,  
Grosse Ile, Mich.  
Dan Bacal, Lyndhurst  
Kurt David Badertscher,  
Worthington  
Michael Allen Baer, Cleveland  
Douglas Neal Ball, Mansfield  
David William Ballinger, Hicksville  
Cheryl Diane Bang, Cincinnati  
Timothy Dail Banker, Morrow  
Jane Marie Barbuscak, Lorain  
Linda Dale Barnett, Pikeville, Ky.  
William Edward Barney,  
Wattsburg, Pa.  
Gregory Alan Barrett, Tipp City  
Linda Senter Bater, Columbus  
Marjorie Golden Bayer, Columbus  
Christopher Randall Beharry,  
Chesterland  
Sason Benado, Givataim, Israel  
Charles Vincent Bender,  
Detroit, Mich.  
William Fred Bennett, Springfield  
Kathleen Marie Benninger, Parma  
Peggy Louise Bennington, Cadiz  
Janice McKimmie Bernard, Cleveland  
Henry Louis Bernstein, Columbus  
David Michael Berzon, Canton  
Emil Patrick Bisaccia, Nutley, N. J.  
Linda Duffield Bissell, Mansfield  
Gary Marc Blumenthal, Columbus  
Charles William Boeder, Lima  
Brian Boso, Moundsville, W. Va.  
Darlene Dinwiddie Bovard, Columbus  
Alan Bruce Boyd, Akron  
Roger Lewis Boyer, Cuyahoga Falls  
Loren Louis Braverman, Columbus  
Thomas Michael Brewer,  
Fairview Park  
Brenda Kaye Brill, Milford Center  
Michael K. Brockett, Atwater  
Steven Merrell Brown, Chillicothe  
William Jency Brown, Lima  
James Gregory Bryan, Columbus  
Diana Lee Buckeye, Avon Lake  
David Lee Budde, Kettering  
Karl Douglas Burch, Columbus  
Andrew Jay Burkholder, Bluffton  
Bryan Thomas Burney,  
Parma Heights  
Stephen William Busonik, Columbus  
Brian Lee Buzby, Columbus  
Robin Therese Bycznski,  
Columbia Station

Kenneth Warren Christman,  
Mansfield  
Dale Alan Claes, Shelby  
Edward Ray Claggett, Xenia  
Thomas Richard Clark, Columbus  
John Anthony Cocumelli,  
Steubenville  
Philip Mark Cohen, Toledo  
Harold Richard Conkle, Columbus  
Judith May Converse, Leetonia  
Richard Alan Cooper, Rocky River  
Catherine Theresa Coridan, Columbus  
Ronald James Corn, Columbus  
James Ellsworth Couch, Van Wert  
Kay Annette Crapyou, Portsmouth  
Darlene Dailey, Alliance  
Barrey Danvers, McMurray, Pa.  
Kathy Kemp Daum, Columbus  
Elizabeth Jean Davis, Columbus  
Timothy John Davis, Salem  
Vicki Lynn Davis, Hollywood, Fla.  
Randy David Deering, Elm Grove  
Ramon Paul DeGennaro, Oberlin  
Jeffrey Lynn DeMent, Macedonia  
William David Dickas, Gahanna  
Timothy Jon Donnelly, Cleveland  
Carl J. Drago, Bronx, N. Y.  
Roger Dennis Duber,  
University Heights  
Donald Craig Durstewitz,  
Waldwick, N. J.  
John Michael Duszak,  
Wilmington, Del.  
Mary Katharine Egelhoff, Columbus  
John Yarnell Elliott, Wooster  
George Marshall Ellis, Columbus  
Jane Lee Emerson, Johnstown  
Stuart Zane Epstein, Skokie, Ill.  
James Lloyd Evans, Van Wert  
Margaret Lynne Evans, Kettering  
William Richard Faber, Lancaster  
Robert Lewis Farnsworth,  
East Liverpool  
Gregory A. Field, Brooklyn  
Dianne Gail Fisher, Columbus  
Richard A. Fisher, Napoleon  
William Arthur Fishinger, Jr.,  
Columbus  
John James Flynn, Kent  
Debra Lynn Foles, Fairborn  
Martin Harvey Frantz, Stow  
Brent Allen Freeman, Butler  
Patricia Gilkey Frey, Cincinnati  
Ina Josephine Frisch,  
Upper Sandusky  
Jacqueline Rozelle Fritz, Delphos  
Samuel Ellsworth Frowine, III,  
Portsmouth  
Richard Allen Fulgham, Columbus  
Joseph Steven Gallagher, Troy  
Carmino Mario Garofalo, Steubenville  
Joan Ann Gentry, Miamisburg  
Douglas Lane Gibson, New Carlisle  
Richard Allen Gill, Hebron  
Debra Faith Goodman, Columbus  
James Hale Gordon, Columbus  
Gerald Richard Graham, Hebron  
Katherine Anne Graham, Columbus  
Gregory Mark Gray, North Canton

Ronald Harvey Greenblatt,  
University Heights  
Laura Helen Greene,  
University Heights  
Barbara Feick Gregory, Sandusky  
Alice Ann Hale, Springfield  
Tondaleigh Hall, Columbus  
Karen Denise Hammack, Columbus  
Jon Michael Hansen, Cincinnati  
Susan Diane Harbaugh, Senecaville  
Sheldon Jack Harris, Cleveland  
Frank Robert Harrison, Cincinnati  
Robert Lee Hartings, Celina  
George Van Hassink, Orange Village  
Gail Elizabeth Hatcher, Columbus  
David Sterling Hay, Zanesville  
Anthony Michael Heald, Delaware  
Richard Brown Henfield, Cleveland  
Dan Warren Hester, Jr., Lancaster  
Benedict Lewis Heydinger,  
New Washington  
Rose Marie Heydinger, Attica  
Lena Pearlman Heyman, Columbus  
Deborah Jane Hild, Phillipsburg  
David William Hilkert, Akron  
Janelle Rae Hill, Dayton  
Mark Douglas Hillard, Bloomdale  
Joan Kathleen Hoff, Warren  
Carol Eleanor Hoffman, Boardman  
Raymond William Hohenberger,  
Warren  
Michael Hohn, Bowling Green  
Jane Ruth Homan, St. Henry  
Douglas Paul Horne, Dayton  
John William Hosterman, Columbus  
Robert Michael Hubbell, Delaware  
Gretchen Jan-Tausch Ickert,  
Mansfield  
Carol Suzanne Jackson, Mansfield  
David Jacobs, Wheaton, Md.  
Paul Edward Janis, Euclid  
Jack David Jenny, Columbus  
Julie Marie Joliat, Uniontown  
Janet Helen Jones, Cincinnati  
Jo Ann Jones, Memphis, Tenn.  
Richard Allen Jordan, Cincinnati  
Marilyn Jean Juhasz, Cleveland  
John Neibert Kagay, Kettering  
Jennie Mae Kane, Cincinnati  
Richard Marvin Kerger, Ashtabula  
Louis Harvey Khourie, Canton  
John Joseph Kilbane, II, Gates Mills  
Howard Michael Kimes, Fostoria  
Harry Stephen King, Columbus  
Joan Dysart King, Columbus  
Michael Lee King, Trotwood  
Sue Ellen King, Amherst  
Glen Gray Kizer, Worthington  
Anthony James Knapke, Minster  
Karen Knowlton, Cambridge  
Carolyn Hanson Koenig, Worthington  
Kenneth James Kolovich,  
Cleveland Heights  
Zoe Ann Sterba Komaransky,  
Lakewood  
Alex Koufos, Canton  
Margaret Quinn Krach, Columbus  
Eddi Sue Kranzler, Roslyn, N. Y.  
Edward Marshall Kress, Dayton

Patricia Elizabeth Kruse, Amherst  
Jane Ellen Lapp, Chillicothe  
Susan Jo Laubenthal, Perrysburg  
Linda Marlene LeBlanc, Mansfield  
Myron Dale Leeper, Columbus  
Kathy Lou Lemley, East Palestine  
Peter Samuel Lerner,  
Great Neck, N. Y.  
Charles Brooks Levin, Cincinnati  
Jason Robert Levine,  
University Heights  
Jerry Isadore Levine, Shaker Heights  
Stephen Lewis, Dayton  
Robert Oliver Loechler, Columbus  
Cynthia Louis Lofgren, Columbus  
William Boyd Logan, Jr., Columbus  
John Bradford Lohse, Pomeroy  
Ralph Giovanni Loretta, Columbus  
Connie Lynn Lowery, Reynoldsburg  
Deborah Cormany Lytle, Grove City  
April Brandeberry Magnussen,  
Gallipolis  
Rita Patricia Manogue, Cincinnati  
Kathryn Ryan Mardis, Columbus  
Rodger Allen Marting, Ironton  
Kathleen Mary Marzine, Warren  
Daniel Richard Masys, Columbus  
George Otis Mathewson, Toledo  
Richard Craig Maurer, Somerset  
Marlene Ann McCrate,  
Columbus Grove  
Ronald Anthony McGinnis,  
Youngstown  
Patricia Voss McGinty, Mansfield  
Mary Marguerite McGlew, Marion  
Robert Cloyd McKee, Mt. Vernon  
Beverly Annette McVay, Columbus  
Michael James Meagher, Columbus  
Richard Evert Melanko, Shadyside  
Robert Lansing Melville, Rocky River  
Timothy Mendiola, Akron  
Jay Edward Meyer, Lima  
Patrick David Meyer, Columbus  
John Ronald Mikolich, Youngstown  
Cheryl Army Miller, Ohio City  
Denise Marie Miller, Enon  
Donn Carl Miller, Columbus  
Robert Joseph Miller,  
University Heights  
Steven Miller, Lima  
Thomas Steven Molnar, Columbus  
Glenn Edward Monroe, Paulding  
Karen Ann Moran, Mansfield  
William Stanley Morton,  
North White Plains, N. Y.  
Philip Anthony Mullin, Kettering  
Donna Mae Myers, Kenton  
Edward Charles Myers, Toronto  
John Edward Myers, Circleville  
Jan Stuart Neiman,  
South Orange, N. J.  
Carol Bahner Newell, Marion  
James Lee Nicholson, Lima  
Allan Jay Nichols, Seaford, N. Y.  
Victoria Nikolaidis, Massillon  
Diana Jean Niswander, Lima  
Ronald Benjamin Noga, Parma  
Mark Steven Norris, Columbus  
Mary Catherine Nuhfer, Columbus  
Michael Kevin Nunner, Cincinnati

Ronald Joseph O'Brien, Columbus  
Steven Edward O'Hearn, Dayton  
Barbara Jean Onutz, Cleveland  
Sue Ann Orinski, Columbus  
Kevin Jesse Osterkamp, Amber, Ia.  
George Louis Ott, Brunswick  
Jennifer Lynn Otto, Frankfort, Ill.  
Anne Galvi Palestiant, Columbus  
John James Parker, Kingsville  
Connie Jean Parsell, Forest  
Susanne Smith Pasqualine, Sandusky  
Mary Christine Paxson, Fremont  
Rita Ericka Pencis, Hubbard  
Nancy Snyder Peppercorn,  
New London  
Debra Ellen Phillips, Ravenna  
Grace Peterangelo Pittman,  
Columbus  
Martha Seares Pitzer, Columbus  
Kenneth Charles Podor, Cleveland  
Vittorio Eugenio Porco,  
Lansing, Mich.  
Patricia Louise Powell, Urbana  
Laurie Cooper Pressler, Columbus  
Marcus Merton Purvis, Columbus  
David Calvin Quatman, Celina  
Janet Karen Ransom, Columbus  
Sanjeev Ananda Rao, Jr.,  
Wintersville  
Nan E. Repasky, Canton  
John Lawrence Rhode, Wooster  
Willem K. Rivenburg, Powell  
Bruce Alan Roberts, Westerville  
Rosemary Roberts, Columbus  
Janet Bawell Rodgers, Columbus  
James Donald Rogers, Lancaster  
Ralph Richard Romaker, Cridersville  
Patricia Beth Rosen, Cincinnati  
Janet Leslie Rosenberg, Beachwood  
John Francis Rotlie, Akron  
Steven Douglas Rowe, Columbus  
Rita Ann Rowland, Bellevue  
Mary Catherine Rugola, Mt. Vernon  
Mark Wilson Rupert, New Waterford  
Deborah Ann Ruppelt, Bay Village  
Sharron Smith Saam, Columbus  
Joyce Salat, South Euclid  
Margaret Briggs Samuels, Carroll  
Christy Lynn Sand,  
New Philadelphia  
William Lawrence Sanders, Columbus  
Carol Lee Saunders, Newark  
Bari Elizabeth Jones Scarberry,  
Columbus  
Betty Ann Schaefer, Toledo  
Karen Ruth Schaeffer, Bellevue  
Catherine Anne Schambach,  
Cleveland  
Mary Beach Scheiderer, Marysville  
Dale William Schiming, Parma  
Deborah Ellen Schipper, St. Marys  
Lynn Reiheld Schira, Orrville  
David Bruce Schultz, Marion  
David Lee Schumaker, Oregon  
Glenn Joshua Schwartz, Youngstown  
Jeanette Carol Seeman, Columbus  
Kittie Palm Seibert, Columbus  
Robert Stephen Seymour, Columbus  
Ira Shafraan, Cleveland Heights  
William Raymond Shelley, Bellevue

Kent Eugene Short, West Unity  
 Eugene Robert Schultz, Columbus  
 Beverly Jefferson Sieling, Columbus  
 Nancy Ann Sinclair, Columbus  
 Martha Hyme Skeeles, Lancaster  
 Stephen John Slovasky, Girard  
 David Ashton Snavelly, Toledo  
 Catherine Joan Sommers, Urbana  
 Pamela Susan Sprouse, Bridgeport  
 Michael Spurlock, Dayton  
 Chloette Clotene Steele, Columbus  
 Thomas Alexander Steele, Marion  
 Joan Marie Stets, Columbus  
 Bradley James Stith, Columbus  
 Richard Allen Sunderland,  
 Spencerville  
 Robert Hugh Taylor, Columbus  
 Michael Ray Terry, Lima  
 Michael Dean Tharp, Columbus  
 Glenn Roberts Thayer, Defiance  
 Sue Switzer Thornton, Gahanna  
 Lynn Ann Thuma, Lima  
 Steven Mark Thurber, Columbus  
 Stephen Frederick Tilson, Delaware  
 Barbara Jean Tokar, Vermilion  
 Louis Ernest Tosi, Martins Ferry  
 Maurice Anthony Tourville, III,  
 Pittsburgh, Pa.  
 Joseph Frederick Traunwieser,  
 Mansfield  
 Carol Ann Tuetting,  
 Wilmington, N. C.  
 James Frederick Turner, II, Akron  
 Mark Eugene Turney, Nevada  
 Kathleen Theresa Van Dame, Dayton  
 Jerry VandeWerken, Oaklawn, Ill.  
 Nathan Andrew Van Dyke, Lima  
 Shelley Jan Venick, Dayton  
 Ellen Marie Veselenak, Byesville  
 David James Vickers, Cincinnati  
 Kathleen Ann Vogel, Columbus  
 Kathryn Elleman Wadlington,  
 Columbus  
 Mark Edgar Wallace, Hopedale  
 William Lee Wallace, Elida  
 Barry Alan Waller, Bratenahl  
 James Cary Warner, Zanesville  
 Jane Catherine Warner, Worthington  
 Kathie Lynn Warrens, Shelby  
 Philip Joseph Weaver, Jr.,  
 Rocky River  
 Sheldon Howard Weisberg,  
 University Heights  
 Bridget Nagel Weller, Wapakoneta  
 Donald Freeman Westra, Jr.,  
 Columbus  
 Eugene Phillip Whetzel,  
 New Salem, Pa.  
 Ronald Lester White, West Union  
 Christina Kay Wilburn, Portsmouth  
 Dennis Ray Wilcox, Willard  
 Jacquelin Ostrom Wilcox, Columbus  
 Michael Dennis Wilke, Columbus  
 Olive Craig Wilkin, Columbus  
 Caleb Williams, Wellsboro, Pa.  
 Lois Gayle Williams, Berea  
 Thomas Reese Williams, Berea  
 Mary Hoddy Wilson,  
 East Lansing, Mich.  
 Jayma Thompson Wink, Mansfield

Laurie Lynn Wolanski, Solon  
 Elliott Wolf, Canfield  
 Helen Anne Wright, Indiana, Pa.  
 Jeffrey L. Wright, Sabina  
 Wendy Ann Yaross, Dayton  
 Sandra Jean Yost, Canton  
 Laurie Ann Young,  
 University Heights  
 Stephen Joseph Yurasek, Columbus  
 Amichay Zelcher, Givataim, Israel  
 Pamela Kay Zellner, Bucyrus

#### **Cum laude and with Distinction in Ancient History and Classics**

Stephen John Habash, Steubenville

#### **Cum laude and with Distinction in Anthropology**

Gerda Heim Buskirk, Columbus

#### **Cum laude and with Distinction in Biology**

Glen Wallace Humphrey,  
 Rockville, Md.

#### **Cum laude and with Distinction in Cinema and French**

Rebekah Lee Jorgensen, Columbus

#### **Cum laude and with Distinction in Communication**

John Allen Archer, Westerville

#### **Cum laude and with Distinction in Computer and Information Science**

William Allen Young, Hyde, Pa.

#### **Cum laude and with Distinction in Dairy Science**

Peter Ross Brody, South Euclid  
 Randall Alan Leis, Farmersville

#### **Cum laude and with Distinction in Economics**

Bruce Roy Lowry, Columbus

#### **Cum laude and with Distinction in French**

Craig Edward Williams, Painesville

#### **Cum laude and with Distinction in Geography**

Jay Stanley Hobgood,  
 Tuscaloosa, Ala.

#### **Cum laude and with Distinction in Geology and Mineralogy**

Martin Arthur Kopacz, Ironton

#### **Cum laude and with Distinction in History and Political Science**

David Bruce Etengoff, Columbus

#### **Cum laude and with Distinction in History of Art**

Christine Alaine Bishop, Parma  
 David Garth Eisenstein, Columbus

#### **Cum laude and with Distinction in Islamic Studies**

Marsha Jane Hamilton, Kirtland

#### **Cum laude and with Distinction in Journalism**

Barry Michael Horstman, Cincinnati

#### **Cum laude and with Distinction in Microbiology**

Beth Ann Wichman, Mentor

#### **Cum laude and with Distinction in Philosophy**

Neil Warren Gurney,  
 Cleveland Heights

#### **Cum laude and with Distinction in Psychology**

Steven Mark Butnik, South Euclid  
 Robert David Lacker, Hamilton

#### **Cum laude and with Distinction in Social Sciences**

Thomas John Chordas, Columbus  
 Dennis Patrick Wirtz, Canton

#### **Cum laude and with Distinction in Theatre**

Randy Barbara Kaplan,  
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Dennis Paul Zawacki,  
Vandergrift, Pa.

Page 624 Blank

# INDEX TO OFFICERS AND EMPLOYEES

1973-1974

## A

Abercrombie, Gene R.	47
Addanki, Somasundaram	201
Adderley, Marilyn V.	140, 473
Alberty, Elsie J.	525, 529
Allenbaugh, Naomi M.	474
Armitage, Richard	370
Ashcroft, Samuel C.	526
Atwell, Robert J.	529

## B

Babcock, Charles L.	528
Babcock, James C.	370
Bailin, Louis L.	201
Baishanski, Bogdan	9
Baker, Richard H.	439
Barton, Jane	110
Baumgardner, Gale Marie	439, 474
Beal, Jack L.	529
Beck, Donna J.	140
Beetham, Charles J.	233
Beish, Hannah H.	334
Bell, Ely E.	2
Bell, Francis I.	430
Bergman, Ralph W.	142
Bianchine, Joseph R.	438, 529
Biddle, James	458
Bishop, Albert B.	378, 529
Blackwell, Roger D.	472
Blakeslee, Charles E.	379
Blickle, James D.	474
Bonnell, Rollo W.	142
Boorstein, William M.	140, 473
Bovard, Frances E.	475
Bowen, Clarence C.	12, 498
Bowman, Edward H.	331
Bremner, Robert H.	260
Browning, Robert H.	141
Bullock, Robert P.	474
Burkman, Katherine	10
Burr, James B.	141

## C

Callahan, Charles C.	3
Calvert, Jack B.	526

Campbell, William B.	140
Canary, Richard L.	466
Chase, Robert Clifford	431
Christoforidis, Anthimos J.	439
Chu, Samuel C.	528
Collins, George F.	141
Cordell, Harry W.	111
Craig, Elston L.	9
Cramblett, Henry G.	527
Cunningham, Luvern L.	526
Cunnyngham, Jon S.	12
Currier, Ruth	140, 473
Cushman, Wesley P.	474
Cyphert, Frederick R.	331

## D

Dalrymple, Francis W.	142
Demko, George J.	334
Devenow, Chester	46, 47, 103, 180, 285
DeVol, Ruth D.	335
Dewald, William G.	139
Divis, Bohuslav	10
Donoho, Clive W., Jr.	138
Dowty, David R.	473
Dumble, Wilson R.	190
Dunfee, Thomas W.	473
Dunlap, John H.	46, 47, 103, 326, 367, 462, 465

## E

Eastwood, George R.	230
Eggspuehler, Jack J.	529
Eglitis, John A.	141
Ellingson, Harold V.	529
Elliot, David H.	233
Enarson, Harold L.	4, 41, 48, 120, 124, 128, 226, 252, 286, 287, 430, 458, 464, 465, 555
Essig, Garth F.	9, 530
Everhart, John O.	474

## F

Fawcett, Harold P.	4
Fergus, Robert H.	30

Firebaugh, Francille M. . . .	138
Foster, Sara . . . .	140
Fox, Marvin . . . .	201
Franklin, Ralph E. . . .	139
Fullington, James F. . . .	111

## G

Gambs, Charles R., Jr. . . .	526
Gardier, Robert W. . . .	233
Garrett, Alfred B. . . .	4
Garvin, Bonnie J. . . .	141, 379
Gaw, Esther Allen . . . .	326
Gerckens, L. C. . . .	529
Gilbertson, Eric Raymond . .	137
Gogate, Shashikala A. . . .	202
Gordon, Evelyn P. . . .	260
Gottfried, Jean . . . .	11
Graves, Judith A. . . .	141
Greenball, Melvin . . . .	9
Gregory, Ian W. . . .	201
Grosshans, Iona . . . .	10
Gushman, John L. . . .	46, 135, 283, 286
Guthrie, Gerry D. . . .	141
Guthrie, Morris B. . . .	141

## H

Hall, William H. . . .	529
Hamilton, Woodrow W. . . .	335
Hanna, J. Marshall . . . .	474
Harada, Koichiro . . . .	11
Hare, Robert Y. . . .	378
Harrison, David M. . . .	112
Harrod, M. Merle . . . .	46, 230
Hart, Alan W. . . .	327
Harvey, Florence M. . . .	432
Haskins, Joseph F. . . .	433
Hayon, Yehiel . . . .	233
Helwig, John A. . . .	529
Herrick, John H. . . .	4
Hill, Lawrence Francis . . . .	499
Hilliker, Don M. . . .	44, 45, 47, 48, 102, 103, 190, 230, 430, 462, 463
Holowaychuck, Nicholas . . .	9
Hong, Dun Mow . . . .	140
Howe, G. Edwin . . . .	528
Huddleston, Jerry . . . .	9
Hunker, Henry L. . . .	139

## I

Ihrig, Weldon E. . . .	526
------------------------	-----

## J

Jablonowski, Feliks W. . . .	474
Jacquemin, Louis W. . . .	12
James, Patricia D. . . .	46, 47, 102

## K

Kapral, Frank A. . . .	139, 530
Katz, Bertram . . . .	11, 473
Ketterer, John G. . . .	113
Kilpatrick, Franklin P. . . .	472
Kincaid, James R. . . .	10
King, Ruth L. . . .	141, 233
Kirby, James C., Jr. . . .	379
Koenig, Beverly . . . .	202
Kollaritsch, Felix P. . . .	525, 530
Kraus, John D. . . .	448
Krouse, Kenneth . . . .	138
Kuhn, Albert J. . . .	137

## L

Lacey, Henry B. . . .	142
Lao, Yan Shuan . . . .	139
Large, George Elwyn . . . .	114
Latane, Bibb . . . .	472
Latiolais, Clifton J. . . .	529
Laughlin, Hugh D. . . .	474
Leggett, Ernest W. . . .	462
Lehiste, Ilse . . . .	10
Lehocksky, Paul N. . . .	434
Levine, Raphael D. . . .	260
Linch, William E. . . .	500
Livingston, H. Farrand . . .	12
Lotz, Larry . . . .	11
Lowe, Clayton K. . . .	525
Ludden, Franklin M. . . .	529

## M

Macpherson, Colin . . . .	530
Mall, Richard M. . . .	115
Malspeis, Louis . . . .	529
Marantz, Kenneth . . . .	530
Marco, Salvatore M. . . .	327
Marine, Julia L. . . .	260
Mathis, Robert F. . . .	378
McClester, Jean . . . .	233
McDonald, Margaret F. . . .	142
McGinnis, Donald E. . . .	139
Medhurst, Richard . . . .	529
Meiden, Walter . . . .	475
Meiling, Richard L. . . .	285, 528
Miljus, Robert . . . .	529



Miller, Aaron . . . .	530
Miller, Joseph N. . . .	12
Miller, Richard C. . . .	501
Miller, Richard S. . . .	10
Montonaro, Anthony J. . . .	475
Mooney, Miriam S. . . .	142
Morganstern, James . . . .	334
Moulton, Edward Q. . . .	137, 462
Mount, John T. . . .	458
Mullen, Pearl S. . . .	142

## N

Nelson, Gordon L. . . .	139
Notari, Robert E. . . .	472

## O

Obetz, Robin C. . . .	142
Old, Jacob W., Jr. . . .	371
Olson, Geraldine I. . . .	334, 474
Osipow, Samuel H. . . .	201, 438, 529
Oster, Clinton V. . . .	530
Overholt, Palmer E. . . .	372

## P

Paravastu, Swamy A. . . .	201
Pepinsky, Harold B. . . .	260
Pepper, Paul M. . . .	528
Pieper, Heinz P. . . .	139, 438, 529
Protheroe, William M. . . .	526

## R

Reese, Robert M. . . .	475
Rhoad, Jean . . . .	439
Rice, Edward L. . . .	233
Richards, Rachel E. . . .	141
Richardson, Bradley M. . . .	528
Rickard, Hortense . . . .	231
Rindfleisch, Nolan J. . . .	140
Rinehart, Kenneth S. . . .	379
Ripley, Randall B. . . .	12
Roaden, Arliss L. . . .	527
Roberts, Wilbur C. . . .	335
Robinson, David F. . . .	379, 529
Robinson, Ted R. . . .	9
Rogers, Harry W. . . .	116
Rollins, Howard A., Jr. . . .	529
Ronan, Wilbert Cathmore . . . .	466
Rose, Michael D. . . .	472
Ross, Berman E. . . .	335
Roth, Robert Earl . . . .	259
Rucker, T. Donald . . . .	529

## S

Safford, William C. . . .	46, 47, 103, 462
Saunders, Elmo . . . .	202, 474
Schmidt, Glen H. . . .	525
Schoessler, John P. . . .	334
Schuler, Leland D. . . .	439
Schultz, James E. . . .	11
Schuth, Howard Wayne . . . .	140, 473
Scott, Gladys E. . . .	435
Scott, Madison H. . . .	526
Sherman, Hoyt L. . . .	475
Shipman, Morgan E. . . .	10, 526
Shocknessy, James W. . . .	47, 48, 104, 127, 136, 285
Shumaker, John W. . . .	259
Shupe, Hollie W. . . .	202
Sirak, Howard D. . . .	46
Skillman, Thomas G. . . .	259
Slagle, L. Orin . . . .	525
Slettebak, Arne E. . . .	528, 530
Smeck, Neil E. . . .	11
Smith, Robert G. . . .	527
Smith, Thomas B. . . .	526
Snook, Marilynne . . . .	11
Stansbery, David H. . . .	10
Stecker, Frederick . . . .	4
Steffy, David L. . . .	527
Stephen, William A. . . .	334
Stultz, Bonnie Lu . . . .	439
Sucheston, Martha E. . . .	473
Swearingen, Rodney . . . .	232
Sweet, Charlotte S. . . .	334

## T

Tarr, David G. . . .	473
Taylor, Thomas N. . . .	472
Tidd, Wilbur M. . . .	116
Tilley, George L. . . .	475
Tough, James T. . . .	202
Trippy, Robert T. . . .	335
Tzagournis, Manuel . . . .	9

## U

Utley, Francis Lee . . . .	435
----------------------------	-----

## V

Van Cleef, Eugene . . . .	254
Vandegrift, Louis Edmond . . . .	254
Velkoff, Henry R. . . .	201
Venzke, Walter G. . . .	529

Vickers, Gates S.	. . .	502
von Haam, Emmerich	. . .	334
Vroonland, Jewell	. . .	11

## W

Walker, John Anthony	. . .	138
Wallace, S. Rains	. . .	117
Watkins, Fairfax E.	. . .	475
Watts, Eugene J.	. . .	473
Weicher, John C.	. . .	10
Weigel, Eugene J.	. . .	118
Wherry, Robert J.	. . .	475
Whitney, D. Ransom	. . .	529
Williams, Charles H.	. . .	232
Williams, John F., Jr.	. . .	436
Williams, John H.	. . .	140
Williams, Tennyson	. . .	379
Willke, Thomas A.	. . .	201
Wilson, Peggy D.	. . .	141
Winter, Chester M.	. . .	475
Witiak, Donald T.	. . .	529
Wolf, Harold H.	. . .	529
Wrigley, Lowell A.	. . .	334
Wynne, Shirley	. . .	10

## Y

Yoder, Robert E.	. . .	141
------------------	-------	-----

## Z

Zimmerman, Richard H.	. . .	137, 226
Zollinger, Robert M.	. . .	528
zumFelde, Paul	. . .	11
Zuspan, Frederick P.	. . .	334

# GENERAL INDEX

1973-1974 Minutes

## A

Abbott Laboratories, North Chicago, Illinois . . . . .	174, 269
Academy for Contemporary Problems, Columbus, Ohio . . . . .	159
Acceptance Fee . . . . .	8, 437
Accountant's Report on the University Dormitory Revenue	
Bond Funds . . . . .	367
ACTION Procurement Division, Washington, D. C. . . . .	165
Administrative Officials, Expenses for Designated . . . . .	186
Administrative Science, College of . . . . .	7, 523
Aetna Variable Annuity Life Insurance Company . . . . .	44
Agency for International Development, Washington, D. C. . . . .	171
Agricultural Administration Building--School of Natural	
Resources - Renovations . . . . .	182, 251
Agricultural Technical Institute, Wooster, Ohio . . . . .	251, 365, 522
Agricultural Technical Institute, Wooster, Ohio--Street	
and Parking Lot Lighting . . . . .	249, 393
Agriculture and Home Economics, College of . . . . .	7, 523
Air Control Mechanical Contractors, New Albany, Ohio . . . . .	183
Aircraft, Hangar Keepers and Student Flight Insurance . . . . .	43
ALCOA Foundation, Pittsburgh, Pennsylvania . . . . .	245
Alexander, Lucile B. (The), Recognition Fund . . . . .	547
Allegheny Foundation, Pittsburgh, Pennsylvania . . . . .	173
Allied Chemical Foundation, Morristown, New Jersey . . . . .	178
Allied Medical Professions, School of . . . . .	7, 258, 523
Allstate Foundation Nursing Scholarship Program (The) . . . . .	32
American Cancer Society, Inc., New York, New York . . . . .	159, 343
American Cancer Society, Ohio Division, Columbus, Ohio . . . . .	542
American Cancer Society, Ohio Division, Franklin County Unit,	
Columbus, Ohio . . . . .	244, 344, 355
American Cancer Society, Ohio Division, Inc., Columbus, Ohio . . . . .	159
American Cyanamid Company, Pear River, New York . . . . .	345
American Electric Power Service Corporation, New York, New York . . . . .	356
American Foundation for Pharmaceutical Education,	
Washington, D. C. . . . .	246, 448
American Gas Association, Arlington, Virginia . . . . .	271
American Heart Association, Central Ohio Heart Chapter, Inc.,	
Columbus, Ohio . . . . .	214-219
American Heart Association, Eastern Ohio Chapter, Inc.,	
Youngstown, Ohio . . . . .	344, 345
American Heart Association, Inc., New York, New York . . . . .	173, 269
American Iron and Steel Institute, New York, New York . . . . .	28, 159, 174, 270
American Medical Association, Chicago, Illinois . . . . .	29
American Prosthodontic Society . . . . .	449
American Prosthodontic Society (The), Chicago, Illinois . . . . .	448
American Society of Heating, Refrigerating and Air Conditioning	
Engineers, Inc., New York, New York . . . . .	176

Amocq Foundation, Inc., Chicago, Illinois . . . . .	272
AMP, Incorporated, Glen Rock, Pennsylvania . . . . .	389
Andersons, The (Donald E. Anderson, Harold Anderson, John D. Anderson, Richard P. Anderson, Robert J. Anderson, Thomas H. Anderson, and Paul M. Kraus), Maumee, Ohio (Gift) . . . . .	356
Andersons Agricultural Research Fund . . . . .	356
Anne Arundel County Schools, Glen Burne, Maryland . . . . .	483
Antique Show Receipts (given in name of Mrs. Josephine Failer), Columbus, Ohio . . . . .	357, 490
Application Fee . . . . .	8, 437
Architecture, School of . . . . .	7, 523
Armco Foundation, Middletown, Ohio . . . . .	178
Armco Foundation, Inc., Chicago, Illinois . . . . .	246
Army, Department of the, Army Air Mobility Research and Development Laboratory, Ft. Eustis, Virginia . . . . .	157
Army, Department of the, Army Mobility Equipment Research and Development Center, Ft. Belvoir, Virginia . . . . .	157, 171
Army, Department of the, Corps of Engineers, Huntington, West Virginia . . . . .	24, 169
Army, Department of the, Defense Supply Service, The Pentagon, Washington, D. C. . . . .	241
Army, Department of the, Eustis Directorate, U. S. Army Air Mobility Research and Development Laboratory, Fort Eustis, Virginia . . . . .	386
Army, Department of the, Harry Diamond Laboratories, Washington, D. C. . . . .	154, 155
Army, Department of the, Huntington District, Corps of Engineers, Huntington, West Virginia . . . . .	266, 268
Army, Department of the, U. S. Army Medical Research and Development Command, Washington, D. C. . . . .	385
Arps Hall, College of Education--Library Improvements . . . . .	280, 494, 495, 552
Art Education, Department of . . . . .	467
Art Education, Division of . . . . .	467
Arts, College of The . . . . .	7, 523
Associate of Arts Program . . . . .	504
Associates of Medicine (The), Columbus, Ohio . . . . .	29, 160, 177, 220, 245, 345, 356, 448, 489, 544
Association of Home Appliance Manufacturers, Chicago, Illinois . . . . .	489
Atkinson-Dauksch Agencies, Inc., and John H. Gardner Agency . . . . .	43
Auditor of State - Report to The Ohio State University . . . . .	457
Auditor of State - Report to The Ohio State University Hospitals . . . . .	496, 552
Authorization for the Filing of Application for Grant Funds Under Title VII of the Public Health Service Act, As Amended . . . . .	373
AVCO Precision Products, Richmond, Indiana . . . . .	219

## B

Babcock & Wilcox Company (The), Alliance, Ohio . . . . .	544
Bahr, Wayne . . . . .	458
Baker, Floyd H., Corporation, Columbus, Ohio . . . . .	41
Baker, Newton D. (The), Memorial Scholarship Fund . . . . .	359
Barnes, Neiswander and Associates, Cleveland, Ohio . . . . .	452

Battelle Memorial Institute, Columbus, Ohio . . . . .	177, 272
Battelle Memorial Institute, Columbus, Ohio (Research Foundation Contract/Grant) . . . . .	214
Bell Laboratories, Columbus, Ohio . . . . .	357
Benedum, Paul G., Naples, Florida (Gift) . . . . .	357
Biological Sciences, College of . . . . .	7, 523
Black Studies, Establishment of Program Leading to Master of Arts Degree . . . . .	256
Blanket Crime Policy . . . . .	553
Board of Control - Ohio Agricultural Research and Development Center . . . . .	185
Board of Regents, University of the State of New York, Albany, New York . . . . .	165
Bradley, William F., M.D., Columbus, Ohio (Gift) . . . . .	357
Brandt Foundation (The), Short Hills, New Jersey . . . . .	272
Brazil, Federative Republic of, Ministry of Education and Culture, Brazilia, Brazil . . . . .	381
Bremer Foundation (The), Youngstown, Ohio . . . . .	160
Brenholts, Roy and Sara, Fund, Columbus, Ohio . . . . .	390
Brown Hall, Main Entrance South Side--Removal and Replacement of Steps . . . . .	278, 364
Bryan Board of Public Affairs, Bryan, Ohio . . . . .	543
Buchanan, C. Robert, and Associates, Canfield, Ohio . . . . .	362
Buckeye Boys Ranch, Grove City, Ohio . . . . .	27
Buckeye Federal Savings and Loan Association, Columbus, Ohio . . . . .	358
Buckeye Union Insurance Company (The) . . . . .	43, 553
Buckeye Village . . . . .	376, 468
Building, Contents, Boiler, Machinery and Auto Insurance . . . . .	43
Buildings and Grounds Committee . . . . .	46
Buildings and Property, Purchase of . . . . .	282, 365, 366, 394, 551, 552
Business Administration Advisory Council Fund . . . . .	31, 245
<u>Bylaws of the Board of Trustees</u> . . . . .	191
<u>Bylaws of the Board of Trustees and</u> <u>Rules of the University Faculty.</u> . . . .	438

# C

Campbell, Elsie Kemery, Fund . . . . .	31
Campbell Hall--Office Improvements . . . . .	363
Campbell, Kenyon S., Estate of, Columbus, Ohio . . . . .	31
Campbell, Kenyon Stafford, Fund . . . . .	31
Caniff, Milton (The), Collection for Research in Cinematography, Photography and Journalism (Gift-in-Kind) . . . . .	247
Caral Corporation, DBA Heidelberg Distributing Company, Dayton, Ohio . . . . .	356
Carmichael, Dan A. . . . .	285
Carroll, Charles W., Akron, Ohio (Gift) . . . . .	357
Central Ohio Lung Association, Columbus, Ohio . . . . .	177
Charleston County Schools, Charleston, South Carolina . . . . .	482
Chevron Research Company, Richmond, California . . . . .	246
Children's Hospital - Dispatch Charities - Pro Am Championship, Columbus, Ohio . . . . .	271

Ciba-Geigy Corporation, Summit, New Jersey . . . . .	390
Civil Service Commission, Denver, Colorado . . . . .	540
Civil Service Commission, Washington, D. C. . . . .	540, 541
Claggett Electric . . . . .	495
Clinical Medical Sciences Education Facility . . . . .	284, 285
Clinical Medical Sciences Education Facility (Inpatient Teaching Facility) . . . . .	373
Clinical Medical Sciences Education Facility - Supporting Services Phase . . . . .	366
Clow Foundation, Chicago, Illinois . . . . .	358
College of Optometry, Clinical Facility . . . . .	251
Collins, Anita M. . . . .	555
Columbia Gas Systems Service Corporation, Columbus, Ohio . . . . .	176, 345, 543
Columbus Board of Health, Columbus, Ohio . . . . .	355
Columbus Campus . . . . .	513
Columbus, City of, Columbus, Ohio . . . . .	158, 543
Columbus/Franklin County Criminal Justice Coordinating Council, Columbus, Ohio . . . . .	27, 268, 269
Columbus Metropolitan Area Community Action Organization, Columbus, Ohio . . . . .	148, 263, 483
Columbus Public Schools, Columbus, Ohio . . . . .	158
Columbus and Southern Ohio Electric Company . . . . .	250, 393
Commerce, Department of, National Oceanic and Atmospheric Administration, Boulder, Colorado . . . . .	158
Commerce, Department of, National Oceanic and Atmospheric Administration, Rockville, Maryland . . . . .	538
Committee Appointments - 1973-1974 . . . . .	46, 47
Concealed Weapons and Faithful Performance Police Bonds . . . . .	553
Continental Credit Corporation . . . . .	551
Continuing Education, Division of . . . . .	7, 523
Converse, George L., Hall . . . . .	231
Cook, Charles H. . . . .	458
Cook, Chester C., Memorial Fund . . . . .	346
Cooperative Extension Service . . . . .	185, 521
Copeland, William E., M. D., Columbus, Ohio (Gifts) . . . . .	161, 179
Copeland, William E. (The), Fund in Obstetrics and Gynecology . . . . .	179
Council for Economic Opportunities in Greater Cleveland, Cleveland, Ohio . . . . .	213
Council on Legal Education for Professional Responsibility, Inc., New York, New York . . . . .	537
Council on Library Resources, Washington, D. C. . . . .	216
Craig, J. Forest, Estate of, Columbus, Ohio . . . . .	544
Cramer, Nancy L. and Carley (Gift-in-Kind) . . . . .	248
Critchfield, Robert, Estate, Birmingham, Michigan . . . . .	346
Curl, Robert S., and Associates . . . . .	277

# D

Davis, Edward E., Oak Hill, Ohio (Gift) . . . . .	160
Dayco Corporation, Springfield, Missouri . . . . .	159
Deafness Research Foundation (The), New York, New York . . . . .	355
Dean of Students, Office of . . . . .	232

Defense Civil Preparedness Agency, Region Four, Federal Center, Battle Creek, Michigan . . . . .	19, 262, 350
Degrees . . . . .	4, 256, 258, 374, 392, 512
Delaware City Board of Education (The), Delaware, Ohio . . . . .	483
Denney, Lucille Morrissey, Estate of, Columbus, Ohio . . . . .	29, 161
Dental Hygiene, Division of . . . . .	7, 523
Dentistry Building--Heating System Repair (Original Building). . . . .	363, 549
Dentistry, College of . . . . .	7, 523
Department of Defense - Department of the Air Force, Air Force Office of Scientific Research, Arlington, Virginia (Research Foundation Contracts/Grants) . . . . .	155, 156, 240, 265, 266
Department of Defense - Department of the Air Force, Air Force Special Weapons Center (PMRB), Kirtland Air Force Base, New Mexico (Research Foundation Contracts/Grants) . . . . .	170, 240
Department of Defense - Department of the Air Force, Air Force Systems Command, Brooks Air Force Base, Texas (Research Foundation Contract/Grant) . . . . .	23
Department of Defense - Department of Air Force, Air Force Systems Command, Headquarters 4950th Test Wing (Tech), Wright-Patterson Air Force Base, Ohio (Research Foundation Contracts/Grants) . . . . .	207, 211, 446, 487
Department of Defense - Department of the Air Force, Air Force Systems Command, L. G. Hanscom Field, Massachusetts (Research Foundation Contracts/Grants) . . . . .	169, 211
Department of Defense - Department of the Air Force, Air Force Systems Command, Rome Air Development Center, Griffiss Air Force Base, New York (Research Foundation Contracts/Grants) . . . . .	167, 444, 445
Department of Defense - Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio (Research Foundation Contract/Grant) . . . . .	23
Department of Defense - Department of the Air Force, Electronic Systems Division, Air Force Systems Command, Laurence G. Hanscom Field, Bedford, Massachusetts (Research Foundation Contracts/Grants) . . . . .	168
Department of Defense - Department of Air Force, Electronic Systems Division, Laurence G. Hanscom Field, Bedford, Massachusetts (Research Foundation Contracts/Grants) . . . . .	352, 353
Department of Defense - Department of the Air Force, 4950th Test Wing (Tech), (AFSC), Wright-Patterson Air Force Base, Ohio (Research Foundation Contracts/Grants) . . . . .	168, 170, 487
Department of Defense - Department of the Air Force, Office of Scientific Research, Arlington, Virginia (Research Foundation Contracts/Grants) . . . . .	25, 383, 446, 485
Department of Defense - Department of the Air Force, Space and Missile System Organization/RSSP, Los Angeles, California (Research Foundation Contract/Grant) . . . . .	243
Department of Defense - Army Research Institute for the Behavioral and Social Sciences, Arlington, Virginia (Research Foundation Contract/Grant) . . . . .	26
Department of Defense - Department of the Army, Army Air Mobility Research and Development Laboratory, Ft. Eustis, Virginia (Research Foundation Contract/Grant) . . . . .	157

Department of Defense, Department of the Army, Army Mobility Equipment Research and Development Center, Ft. Belvoir, Virginia (Research Foundation Contracts/Grants)	157, 171
Department of Defense - Department of the Army, Corps of Engineers, Huntington, West Virginia (Research Foundation Contracts/Grants)	24, 169
Department of Defense - Department of the Army, Defense Civil Preparedness Agency, Washington, D. C. (Research Foundation Contract/Grant)	486
Department of Defense - Department of the Army, Defense Supply Service, The Pentagon, Washington, D. C. (Re- search Foundation Contracts/Grants)	241, 444
Department of Defense - Department of the Army, Eustis Directorate, U. S. Army Air Mobility Research and Development Laboratory, Ft. Eustis, Virginia (Research Foundation Contracts/Grants)	386, 485
Department of Defense - Department of the Army, Harry Diamond Laboratories, Washington, D. C. (Research Foundation Contracts/Grants)	154, 155
Department of Defense - Department of the Army, Huntington District, Corps of Engineers, Huntington, West Virginia (Research Foundation Contracts/Grants)	487
Department of Defense - Department of the Army, U. S. Army Medical Research and Development Command, Washington, D. C. (Research Foundation Contract/Grant)	385
Department of Defense - Department of the Army, U. S. Army Research Office--Durham, Durham, North Carolina (Research Foundation Contract/Grant)	384
Department of Defense - Office of Naval Research, Arlington, Virginia (Research Foundation Contracts/Grants)	22, 24
Derby Hall Improvements	248, 283, 391
Development Fund Board of Directors	47
Dikewood Corporation (The), Albuquerque, New Mexico (Research Foundation Contract/Grant)	541
Dikewood Corporation, University Research Park, Albuquerque, New Mexico (Research Foundation Contract/Grant)	244
Disability Insurance Benefits	394
Distinguished Service Awards	4
Dodd Hall--South Parking Lot Renovation	41
Drinko, John D., Cleveland, Ohio (Gift)	359
Dunlap, George H., Columbus, Ohio (Gifts)	178, 390
du Pont, E. I., de Nemours & Company, Wilmington, Delaware	390
Duriron Company (The), Dayton, Ohio	358

## E

Easement, Utility.	283
Easements	43, 184, 250, 365, 393
Eastman Kodak Company, Rochester, New York	246
Edison Electric Institute, New York, New York	488
Education, College of	7, 523
Education Task Force through New Detroit, Inc., Detroit, Michigan	206



Educational Affairs Committee . . . . .	46
Edwards, Burris & Lockwood, Marion, Ohio . . . . .	391
Electric Power Equipment . . . . .	224, 250, 455
Electric Power Research Institute, New York, New York . . . . .	220
Electric Trunk Lines--Utility Substation . . . . .	279, 495, 552
Electrical Engineering, Department of . . . . .	272, 356, 489
Electrical Trunk Lines . . . . .	251
Emery, Olive H. (Mrs.), Helen K. Cooley, Paul E. Emery, Evelyn E. Kingan (Gift) . . . . .	348
Emery, Walter B. (The), Memorial Scholarship for Communication . . . . .	348
Endocrinology, Chair in, in the College of Medicine . . . . .	137
Engineering, College of . . . . .	7, 523
Engineering Experiment Station . . . . .	15, 144, 235, 337, 477, 521
Engle, Joe R., Coshocton, Ohio (Gift) . . . . .	349
Engle, Perry L. (The), Endowment Fund . . . . .	349
Environmental Protection Agency, Ecological Effects Branch, Processes and Effects Division, Washington, D. C. . . . .	208
Environmental Protection Agency, Headquarters, Support Pro- curement Section, Washington, D. C. . . . .	208
Environmental Protection Agency, National Environmental Research Center, Cincinnati, Ohio . . . . .	207
Environmental Protection Agency, Research Triangle Park, North Carolina . . . . .	210
Environmental Protection Agency, Washington, D. C. . . . .	149
Environmental Protection Agency, Washington, D. C. (Research Foundation Contracts/Grants) . . . . .	170, 445
Environmental Protection Agency, National Environmental Research Center, Research Triangle Park, North Carolina . . . . .	444, 446, 487
Equine Exercise Building (Agricultural Technical Institute at Wooster, Ohio) . . . . .	552
Evans Laboratory - Ventilation (Phase I, First Floor) . . . . .	494
Examination Fee (EM Credit) . . . . .	8
Executive Director of University Planning . . . . .	133
Executive Vice President . . . . .	133
Exxon Education Foundation, New York, New York . . . . .	390
Ezekelian, Siragan H., Bacteriology Fund . . . . .	222
Ezekelian, Siragan H., Estate of . . . . .	222

# F

Facilities Services . . . . .	521
Farber Corporation . . . . .	182, 494
Fawcett Center for Tomorrow . . . . .	521
Fawcett Center for Tomorrow-Roadway Improvements . . . . .	279, 456, 548
Fawcett, Novice G., Chair in Educational Administration . . . . .	346, 357, 358
Fayette County Board of Education, Fayetteville, West Virginia . . . . .	444
Federal Aviation Administration . . . . .	42
Federal Highway Administration, Washington, D. C. . . . .	151
Fees . . . . .	7, 516, 523
Fergus, Robert H. (Gift) . . . . .	30

Finance Committee . . . . .	46
Finance and Treasurer, Office of . . . . .	14, 134, 143
Fiscal Affairs, Office of, and the Treasurer of the University . . . . .	143, 234, 336, 476
Flint Community Schools, Flint, Michigan . . . . .	482
Ford Foundation (The), New York, New York . . . . .	20, 206, 339
Ford Motor Company Fund, Dearborn, Michigan . . . . .	345, 544
Forging Industry Educational and Research Fund, Cleveland, Ohio . . . . .	161
Foundation for Endowment of a Chair at Ohio State University, Inc., New York, New York . . . . .	246, 544
France, Mervin B., Estate of, Cleveland, Ohio . . . . .	271
Franklin County Court of Common Pleas, Adult Probation Department, Columbus, Ohio . . . . .	270

## G

Gager-Keim, Inc., Columbus, Ohio . . . . .	357
Gardiner, John H., Agency and Atkinson-Dauksch Agencies, Inc. . . . .	43
Garmhausen, Erwin J. (The), Memorial Fund . . . . .	274
Garmhausen, Marjorie Best (Gift) . . . . .	274
Gehres, Hewitt A., Mt. Vernon, Ohio (Gift). . . . .	177, 348
Gehres, Hewitt A., Fund in Engineering . . . . .	348
General Electric Company, Cincinnati, Ohio . . . . .	28
General Maintenance & Engineering . . . . .	454
General Masonry Contractors, Inc., Marion, Ohio . . . . .	364
General Motors Corporation, Detroit, Michigan . . . . .	221, 390
General Motors Corporation Research Laboratories, Warren, Michigan . . . . .	246
Gerking Collection of Indiana Fishes (The) . . . . .	346
Gifts-in-Kind . . . . .	247, 248, 346
Gleason, Emmet Blakeney (The), Memorial Fund, Inc., Rochester, New York . . . . .	357
Glunz, H. V., Scholarship Fund . . . . .	347
Glunz, Herman Van Moss, Estate of . . . . .	347, 489, 543
Goslee, William T. . . . .	370
Goss Laboratory--Partial Remodeling, Phase II (Freight Elevator Modifications) . . . . .	364
Gossman, Viola B., Estate of, Columbus, Ohio . . . . .	357
Graduate School . . . . .	7, 523
Grange Mutual Casualty Company, Columbus, Ohio . . . . .	272
Graves, Grant O., Memorial Scholarship Fund . . . . .	162
Griffith Foundation Endowment Fund (The) . . . . .	545
Guard, Willard F., Memorial for Veterinary Surgery . . . . .	30, 160
Guard, Willard F., Trust of . . . . .	30, 160
Guard, Willard Frost (The), Trust, Silver Spring, Maryland . . . . .	160
Gund, George Foundation, (The), Cleveland, Ohio . . . . .	161, 272, 357
Guy, J. A., Inc. . . . .	224

## H

Hagar, David . . . . .	458
Hagerty Hall Air Conditioning . . . . .	223, 283, 391

Harding, Lowry W. (Dr.), Columbus, Ohio (Gift)	448
Harris, Edith R., Estate of	273, 389
Harris, Edith R., Memorial Scholarship Fund	273, 389
Hartford, John A., Foundation, (The), New York, New York	160, 356
Hartford, John A., Foundation, (The), New York, New York (Research Foundation Contracts/Grants)	27, 447
Hayes Hall, Fire Safety Improvements and Vivian Hall Remodeling	223, 283
Health, Education, and Welfare, Department of, Education Division, National Institute of Education, Washington, D. C. (Research Foundation Contract/Grant)	382
Health, Education, and Welfare, Department of, National Institute of Education, Washington, D. C.	18, 441
Health, Education, and Welfare, Department of, National Institute of Education, Washington, D. C. (Research Foundation Contracts/Grants)	167, 172, 210, 212, 382
Health, Education, and Welfare, Department of, National Institute of Education, Contracts and Grants Management Division, Washington, D. C.	481
Health, Education, and Welfare, Department of, National Institute of Education, Contracts/Grants Management Division, Matomic Building, Washington, D. C.	350
Health, Education, and Welfare, Department of, Office of Child Development, Washington, D. C. (Research Foundation Contract/Grant)	170
Health, Education, and Welfare, Department of, Office of Child Development, Child Welfare Research and Demonstration Grants Program, Washington, D. C.	149
Health, Education, and Welfare, Department of, Office of Education, Washington, D. C.	16, 17, 146-148, 151, 237-238, 262, 350, 479, 532-535
Health, Education, and Welfare, Department of, Office of Education, Washington, D. C. (Research Foundation Contracts/Grants)	153, 154, 169
Health, Education, and Welfare, Department of, Office of Education, Bureau of Higher Education, Washington, D. C.	16, 19
Health, Education, and Welfare, Department of, Office of Education, Bureau of Libraries and Learning Resources, Washington, D. C. (Research Foundation Contracts/Grants)	212
Health, Education, and Welfare, Department of, Office of Education, Contracts and Grants Division, Washington, D. C. (Research Foundation Contracts/Grants)	339, 352
Health, Education, and Welfare, Department of, Office of Human Development, Washington, D. C.	381
Health, Education, and Welfare, Department of, Office of the Secretary, Washington, D. C. (Research Foundation Contract/Grant)	156
Health, Education, and Welfare, Department of, Office of the Secretary, Procurements and Contracts, Washington, D. C. (Research Foundation Contract/Grant)	267
Health, Education, and Welfare, Department of, Public Health Service, Chicago, Illinois	533

Health, Education, and Welfare, Department of, Public Health Service, Bethesda, Maryland . . . . .	16-20, 146-151, 164-166, 204, 381, 441-443, 479-482, 532-535
Health, Education, and Welfare, Department of, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland (Research Foundation Contracts/Grants) . . . . .	341, 353
Health, Education, and Welfare, Department of, Public Health Service, Bureau of Health Resources Development, Bethesda, Maryland . . . . .	262, 480, 481
Health, Education, and Welfare, Department of, Public Health Service, Center for Disease Control, National Institute of Occupational Safety and Health, Rockville, Maryland (Research Foundation Contract/Grant) . . . . .	386
Health, Education, and Welfare, Department of, Public Health Service, Food and Drug Administration, Rockville, Maryland (Research Foundation Contracts/Grants) . . . . .	153, 156, 240, 267
Health, Education, and Welfare, Department of, Public Health Service, Health Resources Administration, Bureau of Health Resources Development, Bethesda, Maryland . . . . .	533, 535
Health, Education, and Welfare, Department of, Public Health Service, Health Services and Mental Health Administration, Bethesda, Maryland . . . . .	146, 148
Health, Education, and Welfare, Department of, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland (Research Foundation Contracts/Grants) . . . . .	211, 239, 242
Health, Education, and Welfare, Department of, Public Health Service, Health Services and Mental Health Administration, Chicago, Illinois . . . . .	147
Health, Education, and Welfare, Department of, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland (Research Foundation Contracts/Grants) . . . . .	207, 243
Health, Education, and Welfare, Department of, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, National Institute on Alcohol Abuse and Alcoholism, Bethesda, Maryland (Research Foundation Contract/Grant) . . . . .	168
Health, Education, and Welfare, Department of, Public Health Service, National Institute of General Medical Sciences, Bethesda, Maryland . . . . .	262
Health, Education, and Welfare, Department of, Public Health Service, National Institute of Mental Health, Rockville, Maryland (Research Foundation Contract/Grant) . . . . .	157
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland . . . . .	150, 164, 165, 204, 205, 238
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland (Research Foundation Contract/Grant) . . . . .	169

Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Division of Nursing, Bethesda, Maryland (Research Foundation Contract/Grant) . . . . .	23
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Division of Physical and Health Professions Education, Bethesda, Maryland (Research Foundation Contract/Grant) . . . . .	484
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, Bureau of Health Resources Development, Bethesda, Maryland . . . . .	479, 480
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, Division of Nursing, Bethesda, Maryland (Research Foundation Contract/Grant) . . . . .	264
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland (Research Foundation Contracts/Grants) . . . . .	21, 264, 445
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland (Research Foundation Contracts/Grants) . . . . .	21, 25, 26, 152-154, 156, 171, 210, 241, 264, 266, 352, 383, 384, 386, 445, 484-486
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland (Research Foundation Contracts/Grants) . . . . .	152, 213, 340
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland (Research Foundation Contracts/Grants) . . . . .	21, 23, 152, 153, 156, 207-209, 211, 239, 265, 352, 353, 384, 444, 447, 486, 538, 539
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland (Research Foundation Contracts/Grants) . . . . .	22, 152, 539, 541
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolic and Digestive Diseases, Bethesda, Maryland (Research Foundation Contracts/Grants) . . . . .	22, 167, 240, 384, 385, 539
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland (Research Foundation Contracts/Grants) . . . . .	23, 265, 444
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of Dental Research, Bethesda, Maryland (Research Foundation Contract/Grant) . . . . .	446

Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, (Research Foundation Contracts/Grants) . . . . .	23, 24, 152, 155, 157, 158, 167, 242, 383, 445, 446, 539
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of Mental Health, Bethesda, Maryland . . . . .	237
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of Mental Health, Rockville, Maryland (Research Foundation Contract/Grant) . . . . .	171
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland (Research Foundation Contracts/Grants) . . . . .	26, 153, 154, 167, 208-210, 240, 351, 385, 445, 538
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, National Library of Medicine, Bethesda, Maryland (Research Foundation Contracts/Grants) . . . . .	24, 264, 538
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, Office of the Director, Bethesda, Maryland (Research Foundation Contract/Grant) . . . . .	386
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, Office of the Director, Research Contracts Branch, Bethesda, Maryland (Research Foundation Contract/Grant) . . . . .	267
Health, Education, and Welfare, Department of, Region V, Social and Rehabilitation Service (Developmental Disabilities), Chicago, Illinois . . . . .	147
Health, Education, and Welfare, Department of, Region V, Social and Rehabilitation Service (Office of Manpower Development and Training), Chicago, Illinois . . . . .	165
Health, Education, and Welfare, Department of, Region V, Social and Rehabilitation Service - Rehabilitation Services, Chicago, Illinois . . . . .	20, 148, 150, 151
Health, Education, and Welfare, Department of, Region V, Social and Rehabilitation Service - Rehabilitation Training MR, Chicago, Illinois . . . . .	16
Health, Education, and Welfare, Department of, Region V, Social and Rehabilitation Service - RSA Developmental Disabilities, Chicago, Illinois . . . . .	18
Health, Education, and Welfare, Department of, Social and Rehabilitation Service, Office of Research and Demonstrations, Washington, D. C. (Research Foundation Contract/Grant) . . . . .	211
Health, Education, and Welfare, Department of, Social Security Administration, Baltimore, Maryland (Research Foundation Contract/Grant) . . . . .	153

Health, Education, and Welfare, Department of, Social and Rehabilitation Service, Rehabilitation Services Administration, Washington, D. C. (Research Foundation Contract/Grant)	207
Health, Education, and Welfare, Department of, Social Security Administration, Baltimore, Maryland (Research Foundation Contract/Grant)	540
Health, Physical Education, and Recreation, School of	7, 523
Heapy and Associates	248, 283, 391
Hebrew Language and Literature, Division of	468
Henry, L. D., Inc.	393
High, Charles F., Foundation (The), Bucyrus, Ohio	246, 390, 489
Hirsch, Gustav, Organization	41
Hoag, Robert S., Columbus, Ohio (Gift)	360
Hoag, Robert S. (The), Golf Scholarship Fund	360
Hoffmann-LaRoche, Inc., Nutley, New Jersey	448
Holmes, Douglas J.	465
Honorary Degrees	504
Houston, Janet French, Estate of, Newark, New Jersey	177
Howard, Jess, Electric Co.	364, 495, 550
Huffman-Wolfe Company	281
Hull-McNutt Contractors, Cleveland, Ohio	364
Humanities, College of	7, 523
Hunt, William E., M. D., Columbus, Ohio (Gift)	358
Huntington National Bank (The)	29
Hyman, Olline G., Estate of, Columbus, Ohio	272, 390, 448, 489

I

IBEW Local 683, Columbus, Ohio	177
Iddings, Andrew S., Dayton, Ohio (Gift)	357
Iddings, Roscoe C., Benevolent Trust, Dayton, Ohio	357
Illuminating Engineering Research Institute, New York, New York (Research Foundation Contracts/Grants)	214, 447
Improvements for the Handicapped, Phase III (Building Improvements - Elevator)	224
Indiana University, Bloomington, Indiana	382
Insurance Committee	44, 46, 225, 394, 553, 554
Intercollegiate Athletics	521
Interior, Department of the, Bureau of Sport Fisheries and Wildlife, Washington, D. C.	238, 481
Interior, Department of the, Fish and Wildlife Service, Washington, D. C. (Research Foundation Contract/Grant)	156
Interior, Department of the, Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife, Washington, D. C. (Research Foundation Contracts/Grants)	210-212
Interior, Department of the, National Park Service, Northeast Region Office, Philadelphia, Pennsylvania (Research Foundation Contract/Grant)	268
International Brotherhood of Electrical Workers, Local 683, Columbus, Ohio	490
International Copper Research Association, Inc., New York, New York	245

International Lead Zinc Research Organization, Inc., New York, New York . . . . .	173
International Nickel Company of Canada, Ltd., New York, New York . . . . .	177
Interstate Construction . . . . .	183

## J

Jackson County Area Extension Center . . . . .	185, 362, 453, 457
Jennings, Martha Holden, Foundation, Cleveland, Ohio . . . . .	160
Johnson & Johnson, East Windsor, New Jersey . . . . .	390
Johnson, Mary Lou (Gift) . . . . .	163
Johnson, Mary Lou, Ophthalmology Fund . . . . .	163
Jones, Edwin W. (Gift) . . . . .	276
Jones, Elizabeth D., Estate of, Cincinnati, Ohio. . . . .	489
Jones & Stuckey, Ltd. . . . .	278
Jones Tower . . . . .	376, 377
Journalism Building Expansion. . . . .	251
Journalism, School of. . . . .	7, 523
Joyce, Glenna R., Scholarship Fund . . . . .	271
Joyce, Glenna R., Trust under the Will of, Columbus, Ohio . . . . .	271
Justus, Henry A., Inc., Columbus, Ohio . . . . .	550

## K

Kahliff, Margaret W. (Mrs.), Elyria, Ohio (Gift) . . . . .	346
Kal Kan Foods, Incorporated, Columbus, Ohio (Research Foundation Contract/Grant) . . . . .	388
Kettering, Charles F., Foundation, Dayton, Ohio . . . . .	382
Kettering, Charles F., Foundation, Dayton, Ohio (Research Foundation Contract/Grant) . . . . .	269
Keystone Steel and Wire Division, Peoria, Illinois . . . . .	245
Kilman, James W., M. D., Columbus, Ohio (Gift) . . . . .	161
Kimberly, Charles H., Professorship in Chemistry . . . . .	512
Kimberly, Charles H., Professorship in Pharmacy . . . . .	513
Kimberly, Charles H., Trusts, New York, New York . . . . .	356
King, Dorothy D., Estate of . . . . .	346
Kiplinger Foundation, Inc. (The), Washington, D. C. . . . .	489
Kraus, John D., Delaware, Ohio (Gift) . . . . .	448
Krebs, Betty J., Memorial Fund . . . . .	546
Krebs, G. Alfred, Sr., Newark, Ohio (Gift). . . . .	546
Krumm, Mrs. Tahlman, Columbus, Ohio (Gift) . . . . .	358
Kurtz, Ralph W. (Mrs. and Mrs.), Tampa, Florida (Gift). . . . .	178

## L

Labor, Department of, Manpower Administration, Washington, D. C. (Research Foundation Contract/Grant) . . . . .	484
Labor, Department of, Manpower Administration, Office of Research and Development, Washington, D. C. (Research Foundation Contract/Grant) . . . . .	266
Labrenz Riemer, Incorporated, Columbus, Ohio. . . . .	488
Lane Manor Apartments . . . . .	376, 378



Laneview Service Center--Railroad Siding . . . . .	183
Larison, A. Z., /Local 683 I. B. E. W. Scholarship Fund . . . . .	490
Law Building Library--Improvements . . . . .	280, 454, 455, 551
Law Building Library, Relighting . . . . .	181, 250
Law, College of . . . . .	7, 523
Lazarus, F. & R. (The), Company . . . . .	221, 356, 489
Lazarus, Robert, Estate of, Columbus, Ohio . . . . .	245
Lazarus, Robert, Student Loan Fund . . . . .	221, 356, 489
Lazenby Hall, Optometry Building (Part I), Physical Education Building, Interior Painting, 1974 . . . . .	278, 393
Lease Agreement . . . . .	456
Leases . . . . .	185
Legg & Davis, Inc. . . . .	456, 548
Leukemia Society of America, New York, New York (Research Foundation Contract/Grant) . . . . .	174
Lilliston Corporation, Albany, Georgia . . . . .	271
Lilly, Eli, and Company, Indianapolis, Indiana . . . . .	29, 160
Lima Campus . . . . .	522
Lima Campus--New Recreational Area . . . . .	548
Lima Campus, Phase IV . . . . .	452
Lima Campus - The Ohio State University . . . . .	43
Limbach Company . . . . .	224, 550
Lincoln, J. F., Family Foundation, Cleveland, Ohio . . . . .	160
Lincoln Tower . . . . .	124
Lincoln Tower Remodeling for the College of Social and Behavioral Sciences . . . . .	277
Lloyd, Florence Leone (Gifts) . . . . .	161, 177
Lloyd, Florence Leone, Scholarship Fund . . . . .	161, 177
Lonz, George F., Foundation, Middle Bass, Ohio . . . . .	221, 272, 358, 544
Lord Hall, North Wing--Repair of Masonry Parapet Walls . . . . .	279, 454
Lorenz, Williams, Lively & Likens, Dayton, Ohio . . . . .	277
Lubrizol Foundation (The), Cleveland, Ohio . . . . .	221
Lurie, Bernard, Memorial Scholarship Fund (The) . . . . .	359
Lurie, John M., Columbus, Ohio (Gift) . . . . .	359

# M

Madison Public Schools, Madison, Wisconsin . . . . .	483
Madison Township Local Schools, Trotwood, Ohio . . . . .	483
Mahoning County Area Extension Center . . . . .	362, 457, 493
Mahoning County Commissioners . . . . .	185
Main Library Addition . . . . .	277, 366
Major Frame-Crete, Inc., Brice, Ohio . . . . .	176
Major Medical Coverage for Retirees and Dependents . . . . .	225, 553
Mall, Richard M., Memorial Scholarship Fund . . . . .	491
Mansfield Asphalt Paving Company, Mansfield, Ohio . . . . .	42
Mansfield Campus . . . . .	160, 522
Mansfield Campus, Phase IV . . . . .	391, 551
Mansfield Campus--Recreational Facility . . . . .	493
Mansfield Campus--Repair and Resurface Parking Facilities . . . . .	42
Mansfield O. S. U. Scholarship Fund, Mansfield, Ohio . . . . .	160
Marion Campus . . . . .	184, 522
Marion Campus, Phase II . . . . .	391, 551
Marion County Engineers . . . . .	184

Marsh, Don F., Dublin, Ohio (Gift)	390
Marshall County Schools, Moundsville, West Virginia	537
Martin Marietta Corporation, Denver, Colorado (Research Foundation Contract/Grant)	244
Master of Arts (Black Studies)	256
Mathematics and Physical Sciences, College of	7, 523
Mays, Lewell N., Bloomfield Hills, Michigan (Gift)	245
McNeal, R. Richard, Columbus, Ohio (Gift)	492
McNeal, R. Richard, Scholarship Fund (The)	492
McPherson Laboratory--Repair and Replacement of Roof and Deck	40, 183
Means Hall--Renovation of Elevators	493
Meats Laboratory	521
Mechanical Specialities	281, 455
Meckstroth, Charles V., M.D., Columbus, Ohio (Gift)	160
Medical Advances Institute, Columbus, Ohio (Research Foundation Contracts/Grants)	173, 354
Medical Care Insurance Plan for Eligible Retired Employees and Dependents	554
Medicine, College of	7, 373, 523
Medicine, College of, Progress Fund	246
Merck Company Foundation, Rahway, New Jersey	177
Metal Properties Council (The), United Engineering Center, New York, New York (Research Foundation Contracts/Grants)	219
Meyer, A. L., Construction Company	224, 494
Mid-City Electric Company	182, 282
Mid-Western Mechanical	550
Miles Laboratories, Inc., Elkhart, Indiana	356
Miller, Beatrice M., Estate of, Warren, Ohio	449
Miller, Beatrice M., Memorial Fund	449
Miller-Davis Electric Company	280, 281
Milwaukee Public Schools, Milwaukee, Wisconsin	483
Mirk, Inc., Orrville, Ohio	393
Mirror Lake--Additional Lighting, Amphitheater Area	181
Mirror Lake--Supplemental Safety Lighting, Amphitheater Area	280
Model Secondary School for the Deaf, Office of Business Affairs, Washington, D. C. (Research Foundation Contract/Grant)	243
Modern Language Association of America, Center for Editions of American Authors, New York, New York (Research Foundation Contract/Grant)	243
Moffitt, Melvin E., Estate of, San Antonio, Texas	246
Monks, W. E.	223, 283, 391, 492
Monsanto Research Corporation, Dayton, Ohio	345, 389
Moores, Harry C., Foundation, Columbus, Ohio	272
Morris Animal Foundation, Denver, Colorado (Research Foundation Contract/Grant)	344
Morrison Tower	376, 377
Mueller, V., Chicago, Illinois	448
Muscular Dystrophy Association of America, New York, New York (Research Foundation Contract/Grant)	159
Muscular Dystrophy Associations of America, Inc., New York, New York	206
Music, School of	7, 523

# N

Named Chairs . . . . .	137, 191
Named Professorships . . . . .	512, 513
Naming of Building . . . . .	231, 259
National Aeronautics and Space Administration, Washington, D. C. (Research Foundation Contracts/Grants) . . . . .	243, 264, 266, 446
National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California (Re- search Foundation Contracts/Grants) . . . . .	171, 241, 242
National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland (Research Foundation Contracts/Grants) . . . . .	21, 239, 241, 382, 538
National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia (Research Foundation Contracts/Grants) . . . . .	153, 266, 340, 385
National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio (Research Foundation Contracts/Grants) . . . . .	167, 539
National Commission on Productivity, Washington, D. C. (Research Foundation Contract/Grant) . . . . .	170
National Endowment for the Arts, Washington, D. C. (Research Foundation Contract/Grant) . . . . .	267
National Endowment for the Humanities, Washington, D. C. . . . .	20
National Endowment for the Humanities, Washington, D. C. (Research Foundation Contracts/Grants) . . . . .	169, 171
National Endowment for the Humanities, Office of Special Projects, Washington, D. C. (Research Foundation Contract/Grant) . . . . .	383
National Institute of Education, Contracts/Grants Management Division, Washington, D. C. . . . .	339
National Machinery Foundation, Inc., Tiffin, Ohio . . . . .	161
National Multiple Sclerosis Society, New York, New York (Research Foundation Contract/Grant) . . . . .	354
National Science Foundation, Washington, D. C. . . . .	20, 151, 262, 350, 381, 443, 479
National Science Foundation, Washington, D. C. (Research Foundation Contracts/Grants) . . . . .	22, 23, 25, 26, 155, 157, 170, 207-210, 212, 213, 239-242, 264-267, 341, 342, 351-354, 383-387, 447, 486, 487, 539, 540
National Steel Corporation, Weirton, West Virginia . . . . .	489
National Surety Corporation . . . . .	553
National Training Fund of the Sheet Metal and Air Conditioning Industry, Washington, D. C. . . . .	381
National Tuberculosis and Respiratory Disease Association, New York, New York (Research Foundation Contracts/Grants) . . . . .	173, 214
Nationwide Mutual Insurance Company, Columbus, Ohio . . . . .	356
Natural Resources, School of . . . . .	7, 282, 346, 523
Navy, Department of the, Arlington, Virginia (Research Foundation Contract/Grant) . . . . .	486

Navy, Department of the, Naval Air Development Center, Warminster, Pennsylvania (Research Foundation Contracts/Grants)	155, 209
Navy, Department of the, Naval Air Systems Command, Washington, D. C. (Research Foundation Contract/Grant).	340
Navy, Department of the, Naval Regional Procurement Office, Officer-in-Charge, Long Beach, California (Research Foundation Contract/Grant)	487
Navy, Department of the, Naval Regional Procurement Office, Philadelphia Newport Division, Newport, Rhode Island (Research Foundation Contract/Grant)	207
Navy, Department of the, Office in Charge, Naval Regional Procurement Office, Long Beach, California (Research Foundation Contract/Grant)	340
Navy, Department of the, Office of Naval Research, Arlington, Virginia (Research Foundation Contracts/Grants)	168, 241, 265, 267, 340, 341, 351, 385, 485-487, 538
Navy, Department of the, Office of Naval Research, Procuring Contracting Officer, Arlington, Virginia (Research Foundation Contract/Grant)	341
Navy, Department of the, Supply Officer, Navy Recruiting Area Four, Columbus, Ohio	482
Neil Hall	376, 378
Neilwood Gables Apartments	376, 378
Newark Campus	522
Newark Campus Citizens Advisory Committee, Newark, Ohio	356
Newark Campus--New Parking Facility	40
Newark Campus, Phase II	251
Newark Campus Scholarship Fund	356
New York, City of, Health Services Administration, New York, New York (Research Foundation Contract/Grant).	269
Nicklaus, Jack W., North Palm Beach, Florida (Gift)	358
Nicklaus, L. Charles, Golf Scholarship Fund (The)	358
Nielsen, Harald H., Memorial Fund	33
NOBA, Inc., Tiffin, Ohio	221, 448
North Atlantic Treaty Organization Headquarters, Belgium (Research Foundation Contract/Grant)	388
North Campus Apartments	376, 378
Northwest Parking Ramp	182
Nursing, School of	7, 523

. O

OARDC Agenda Review Committee	47
Obstetrics-Gynecology, Department of, Inc., Columbus, Ohio.	160, 178
Obstetrics and Gynecology Endowment Fund, Department of	178
Official Shield	258
Ohio Agricultural Research and Development Center	
Board of Control	185
Ohio Board of Regents	394
Ohio Board of Regents, Columbus, Ohio.	206, 536
Ohio Casualty Insurance Company	43
Ohio Electric Utility Institute, Columbus, Ohio	272, 356, 489

Ohio Florists Association, Columbus, Ohio . . . . .	161
Ohio Lions Eye Research Foundation, Springfield, Ohio . . . . .	271
Ohio National Bank (The) . . . . .	29
Ohio Power Company, Canton, Ohio (Research Foundation Contracts/Grants). . . . .	173
Ohio Program in the Humanities (The), Columbus, Ohio (Research Foundation Contracts/Grants) . . . . .	28, 388, 447
Ohio Real Estate Commission, Columbus, Ohio . . . . .	149
Ohio Stadium--Additional Rest Room Facilities . . . . .	277, 392, 550
Ohio Stadium--All Weather Track . . . . .	278, 392, 549
Ohio - State of, Department of Economic and Community Development, Columbus, Ohio . . . . .	238
Ohio - State of, Department of Economic and Community Development, Columbus, Ohio (Research Foundation Contract/Grant) . . . . .	387
Ohio - State of, Department of Economic and Community Development, Administration of Justice Division, Columbus, Ohio . . . . .	537
Ohio - State of, Department of Economic and Community Development, Administration of Justice Division, Columbus, Ohio (Research Foundation Contract/Grant) . . . . .	342
Ohio - State of, Department of Education, Columbus, Ohio . . . . .	149, 339, 350, 536
Ohio - State of, Department of Education, Division of Special Education, Columbus, Ohio . . . . .	339, 351
Ohio - State of, Department of Education, Division of Vocational Education, Columbus, Ohio . . . . .	146, 164, 205, 206, 263
Ohio - State of, Department of Education, Division of Vocational Education, Agricultural Education Service, Columbus, Ohio . . . . .	536
Ohio - State of, Department of Education, Drug/Health Education Section, Columbus, Ohio . . . . .	205
Ohio - State of, Department of Health, Columbus, Ohio . . . . .	206, 238, 443
Ohio - State of, Department of Health, Columbus, Ohio (Research Foundation Contracts/Grants). . . . .	268, 269, 541
Ohio - State of, Department of Highways, Columbus, Ohio . . . . .	543
Ohio - State of, Department of Industrial Relations, Columbus, Ohio . . . . .	270
Ohio - State of, Department of Industrial Relations, Columbus, Ohio (Research Foundation Contracts/Grants) . . . . .	268, 354
Ohio - State of, Department of Liquor Control, Columbus, Ohio (Research Foundation Contract/Grant) . . . . .	26
Ohio - State of, Department of Mental Health and Mental Retardation, Chillicothe, Ohio (Research Foundation Contract/Grant) . . . . .	27
Ohio - State of, Department of Mental Health and Mental Retardation, Columbus, Ohio (Research Foundation Contracts/Grants) . . . . .	27, 172, 387
Ohio - State of, Department of Mental Health and Mental Retardation, Division of Administration on Aging, Columbus, Ohio (Research Foundation Contract/Grant) . . . . .	268
Ohio - State of, Department of Mental Health and Mental Retardation, Division of Forensic Psychiatry, Columbus, Ohio (Research Foundation Contracts/Grants) . . . . .	213, 488, 541

Ohio - State of, Department of Mental Health and Mental Retardation, Division of Management Services, Columbus, Ohio (Research Foundation Contract/Grant) . . . . .	243
Ohio - State of, Department of Mental Health and Mental Retardation, Division of Mental Retardation, Columbus, Ohio (Research Foundation Contract/Grant) . . . . .	342
Ohio - State of, Department of Mental Health and Mental Retardation, Division of Mental Retardation and Developmental Disabilities, Columbus, Ohio . . . . .	263
Ohio - State of, Department of Natural Resources, Columbus, Ohio . . . . .	175, 270, 536
Ohio - State of, Department of Natural Resources, Division of Wildlife, Columbus, Ohio . . . . .	17, 18, 536, 537
Ohio - State of, Department of Rehabilitation and Corrections, Columbus, Ohio (Research Foundation Contracts/Grants) . . . . .	27, 28, 219, 269, 388
Ohio - State of, Department of State Personnel, Division of Intergovernmental Personnel and Training, Columbus, Ohio . . . . .	20
Ohio - State of, Department of Transportation, Columbus, Ohio . . . . .	29, 175, 176, 220, 245, 270, 389
Ohio - State of, The Ohio Advisory Council for Vocational Education, Columbus, Ohio . . . . .	482
Ohio - State of, Ohio Bureau of Employment Services, Columbus, Ohio (Research Foundation Contract/Grant) . . . . .	172
Ohio State University (The), Columbus, Ohio . . . . .	271
Ohio State University Development Fund (The) . . . . .	15, 144, 235, 337, 477
Ohio State University Hospitals (The) . . . . .	552
Ohio State University Research Foundation (The) . . . . .	14, 143, 234, 336, 476, 521
Ohio State University Women's Club (The), Columbus, Ohio . . . . .	544
Ohio Turfgrass Foundation, Columbus, Ohio . . . . .	29
Ohio Valley Health Services Foundation, Inc. (The), Athens, Ohio (Research Foundation Contract/Grant) . . . . .	342
Optometry, College of . . . . .	7, 523
Optometry, College of, Clinical Facility . . . . .	251
Organon, Inc., West Orange, New Jersey . . . . .	30
Orientation and Registration Fee . . . . .	6
Orton, Edward, Jr., Ceramic Foundation (The), Columbus, Ohio . . . . .	161
Otis Elevator Company . . . . .	364
Ott Farm, Ashland County, Ohio (Purchase of Buildings and Property) . . . . .	365, 394
Owens Illinois Technical Center, Toledo, Ohio . . . . .	389

P

Page Southerland Page . . . . .	285
Paint Research Institute, Philadelphia, Pennsylvania (Research Foundation Contract/Grant) . . . . .	542
Parking Facilities . . . . .	521
Parking Lot Renovation--Eleventh and Worthington Avenues . . . . .	494
Parsons, James E. . . . .	465
Payt Construction Company . . . . .	281
Pennsylvania Separator Company, Brookville, Pennsylvania . . . . .	389
Petroleum Research Fund, American Chemical Society, Washington, D. C. (Research Foundation Contract/Grant) . . . . .	388

Pfizer, Inc., New York, New York . . . . .	220, 245
Pharmaceutical Manufacturers Association Foundation, Inc. (The), Washington, D. C. . . . .	390
Pharmacy, College of . . . . .	7, 523
Phi Beta Psi Sorority, Grand Chapter, Muncie, Indiana . . . . .	221
Philips Roxane Laboratories, Inc. (Subsidiary of North American Roxane), Columbus, Ohio (Research Foundation Contract/Grant) . . . . .	269
Physical Education Building--Improvements (Phase I, Floor) . . . . .	453
Planning Systems Corporation, Columbus, Ohio . . . . .	382
Plans and Specifications . . . . .	40, 41, 181, 249, 278-280, 363, 392, 453, 454, 493, 494, 548
Plunger-Lift Elevator . . . . .	224
Porthouse Charitable Trust (The), Kent, Ohio . . . . .	246
PPG Industries Foundation, Pittsburgh, Pennsylvania . . . . .	489
Pressey, Sidney L. (Dr.) (Gift) . . . . .	29
Pressey, Sidney L. and Alice, Scholarship in Psychology . . . . .	29
Prindle, Patrick, and Partners, Cleveland, Ohio . . . . .	176
Procter & Gamble Company (The), Cincinnati, Ohio . . . . .	161, 177, 220, 544
Procter & Gamble Company (The), Cincinnati, Ohio (Research Foundation Contracts/Grants) . . . . .	172, 218, 219
Program 65 . . . . .	286, 326
Prudential Life Insurance Company of America . . . . .	44
Public Administration, Division of . . . . .	503
Public Administration, School of . . . . .	503

## R

Rachelwood Wildlife Research Preserve, Pittsburgh, Pennsylvania (Research Foundation Contract/Grant) . . . . .	388
Ralston Purina Company, St. Louis, Missouri . . . . .	178
Reco Electric . . . . .	455
Recreation, Physical Education, Intramural Facilities . . . . .	552
Refractories Institute, Pittsburgh, Pennsylvania . . . . .	177, 390
Regional Campuses . . . . .	513
Report of Auditor of State to The Ohio State University . . . . .	457
Report of Auditor of State - The Ohio State University Hospitals . . . . .	496, 555
Report on the University's Investment Portfolio . . . . .	45, 186, 225, 252, 287, 367, 395, 457, 496, 555
Research Corporation, New York, New York (Research Foundation Contract/Grant) . . . . .	343
Research Foundation Board of Directors . . . . .	47
Residence Hall Room and Board Rates and Rentals for North Campus Apartments . . . . .	376
Residence Halls, Undergraduate . . . . .	376, 377
Retirees and Dependents, Extension of Medical Coverage for . . . . .	225, 553
Rhode Island Department of Education, Vocational Education Core Group, Providence, Rhode Island . . . . .	382
Riley, James R., Worthington, Ohio (Gift) . . . . .	160
Rinhart Collection of Daguerreian Art . . . . .	357
Ritz Paving Company, Inc. . . . .	183
Rockefeller Foundation (The), New York, New York . . . . .	537

Rockwell International Corporation, Columbus, Ohio (Research Foundation Contract/Grant)	158
Rockwell International Corporation, Columbus Aircraft Division, Columbus, Ohio (Research Foundation Contracts/Grants)	244, 343
Roessler, Anna, Trust Under the Will of, Columbus, Ohio	29, 448, 490
Rohm & Haas Company, Philadelphia, Pennsylvania	30, 544
Ross, Ed, Construction Co.	182, 454
Ross, Richard M., Columbus, Ohio (Gift)	357
ROTC Building	231
Roth, Lester L., Estate of	30
Royer Commons	259
Royer Student Activities Center	259
Ruhlin, John G., Construction Co. (The), Akron, Ohio	182
<u>Rules for the University Faculty</u>	8, 191, 232, 256, 329, 330, 374, 437, 438, 504
Runyon, Damon, Memorial Fund, New York, New York (Research Foundation Contract/Grant)	343

## S

Salinas Union High School District, Salinas, California	482
Samborn, Steketee, Otis and Evans, Inc., Toledo, Ohio	180
Sauer, Inc.	281
Scarff, Maxwell M. (The), Fund	275
Scarlet Mask Alumni Fund	33
Schering Corporation, Bloomfield, New Jersey	221
Schering Corporation, Kenilworth, New Jersey (Research Foundation Contract/Grant)	344
Scott, Louise Orr, Foundation, Columbus, Ohio	271, 390, 544
Searle Diagnostic, Inc., Columbus, Ohio	177, 272
Shaman, Sol D., Memorial Fund (The)	450
Shell Chemical Company, San Ramon, California (Research Foundation Contract/Grant)	158
Shell Companies Foundation, Houston, Texas	272
Sherman, John King and Gussie Greener, Class of 1901 Scholarship Fund (The)	451
Shuler, Harvey A. and Mary Grace Holliday, Scholarship Fund (The)	545
Shuler, Harvey A., Detroit, Michigan (Gift)	545
Sick Leave Policy	128, 232
Sisson Hall--Air Conditioning and Electrical Renovation	42
Sloan, A. P., Foundation, New York, New York	176
Small Business Administration, Washington, D. C.	238
Smucker, Paul H., Fund (The)	34
Snyder, D. P., Estate of, Columbus, Ohio	346
Social and Behavioral Sciences, College of	7, 523
Social Work, School of	7, 523
Spencer, John W., and Associates	223, 283
Squibb, E. R., & Sons, Inc. (Research Foundation Contract/Grant)	214
Stadium Dormitories	376, 377
State Automobile Mutual Insurance Company	346
State, Department of, Agency for International Development, Washington, D. C.	16, 17, 19
Statistics, Department of	258
Statistics, Division of	258



Steel Founders' Society of America, Rocky River, Ohio (Research Foundation Contract/Grant)	542
Steffel, Victor L., American Prosthodontic Society Fund (The)	449
Stephenson, Edward C. and Hazel L., Foundation, Grosse Pointe Woods, Michigan	356
Stern Fund, New York, New York	489
Stillman Hall, Renovation of	251
Stockum, Alfred E., M. D., Columbus, Ohio (Gift)	357
Stokes, C. Howard, Estate of, Cleveland, Ohio	245
Straumann, Fritz, Waldenburg, Switzerland (Gifts)	178, 221
Strong, Hope, Memorial Fund	451
Student Health Services	521
Student Housing	521
Student Programs and Development, Office of	232
Student Unions	521
Substation C - Underground Cables and Equipment	42, 364, 394
Sullivant, Joseph, Hall Remodeling	281, 282, 366
Summers, Harriette C. Jones and Mary E. Jones Mason, Memorial Fund (The)	276
Swiatek and Grutsch, Columbus, Ohio	362

# T

Taft Broadcasting Company	456, 496
Tax Deferred Annuity Proposal	44
Teachers Insurance and Annuity Association and College Retirement Equities Fund	44, 394
Tennis Courts--New Locations	279
Tennis Courts - Repairs and Restoration	183
Texaco, Inc., New York, New York	246
Thomas, John Ross, Fund (The)	275
Toledo Edison Company (The), Toledo, Ohio	174
Transfer of Earned Indirect Costs	35
Transfer to Plant Funds	38
Trans-Ohio Pipeline Company	42
Transportation, Department of, Washington, D. C. (Research Foundation Contract/Grant)	340
Transportation, Department of, Federal Highway Administration, Washington, D. C. (Research Foundation Contracts/Grants)	208, 353
Transportation, Department of, National Highway Traffic Safety Administration, Washington, D. C. (Research Foundation Contracts/Grants)	208, 210
Trott & Bean Associates	277
"Trustee Day"	190, 230, 367
2750th Air Base Wing-PMA, Special Procurement Branch, Building 2, Area C, Wright-Patterson Air Force Base, Ohio	237

# U

Undergraduate Residence Halls	377
Union Carbide Corporation, Nuclear Division, Oak Ridge, Tennessee (Research Foundation Contracts/Grants)	244, 354, 488

Union Carbide Corporation, Tarrytown, New York (Research Foundation Contract/Grant) . . . . .	28
United Fund Health Foundation, Canton, Ohio (Research Foundation Contract/Grant) . . . . .	159
United Jewish Fund of Columbus, Ohio . . . . .	245
University Airport . . . . .	521
University Bookstores . . . . .	521
U. S. Agency for International Development, APO, New York (Research Foundation Contract/Grant) . . . . .	22
U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois (Research Foundation Contracts/Grants) . . . . .	209, 212, 382, 383, 385, 485
U. S. Atomic Energy Commission, Washington, D. C. . . . .	150
U. S. Civil Service Commission, Washington, D. C. (Research Foundation Contract/Grant) . . . . .	446
U. S. Civil Service Commission, Bureau of Training, Washington, D. C. (Research Foundation Contracts/Grants) . . . . .	342
U. S. Civil Service Commission, Bureau of Training, Management Sciences Training Center, Washington, D. C. (Research Foundation Contracts/Grants) . . . . .	242, 353
U. S. Civil Service Commission, Denver Regional Training Center, Denver, Colorado (Research Foundation Contract/Grant) . . . . .	242
U. S. Civil Service Commission, Management Sciences Training Center, Washington, D. C. (Research Foundation Contract/Grant) . . . . .	353
U. S. Department of Agriculture, Animal and Plant Health In- spection Service, Scientific and Technical Services, Washington, D. C. (Research Foundation Contract/Grant) . . . . .	447
U. S. Department of the Interior, Washington, D. C. . . . .	175, 176
U. S. Department of Interior, Bureau of Sport Fisheries and Wildlife, Washington, D. C. . . . .	166
U. S. Department of Justice, Law Enforcement Assistance Administration, Des Plaines, Illinois . . . . .	204, 350
U. S. Department of Labor, Manpower Administration, Washington, D. C. . . . .	148
U. S. Department of Labor, Manpower Administration, Washington, D. C. (Research Foundation Contracts/Grants) . . . . .	24, 239
U. S. Department of Transportation, Federal Highway Administra- tion, Washington, D. C. (Research Foundation Contracts/ Grants) . . . . .	24, 353
U. S. Department of Transportation, Federal Highway Administra- tion, Contracts and Procurement Division, Washington, D. C. (Research Foundation Contract/Grant) . . . . .	239
U. S. Environmental Protection Agency, Washington, D. C. . . . .	149
U. S. Postal Service, Washington, D. C. (Research Foundation Contract/Grant) . . . . .	171
U. S. Postal Service, Support Group, Washington, D. C. (Research Foundation Contract/Grant) . . . . .	267
University Activities Center . . . . .	29, 30, 160, 180, 245, 246, 346, 356, 357, 358, 390
University Airport . . . . .	250, 521
University Airport - Ground Control Landing Approach System . . . . .	42

University of Alaska, Tundra Biome Center, College, Alaska (Research Foundation Contracts/Grants)	174
University Budget	121, 124, 331, 469, 513
University College	7, 523
University College Building No. 13	469
University College Phase III - (Building No. 13)	251
University Hall Complex	251
University Hospital - Air Conditioning Improvements	492
University Hospital--Equipment Room Ventilation	40, 281
University Hospital, Intensive Care Unit Alteration	249
University Hospital--New Desuperheating Station, North Wing	183
University Hospitals	521
University of Oklahoma, Norman, Oklahoma (Research Foundation Contract/Grant)	488
University Organizational Structure, Improvements in	128
University of Pittsburgh, Pittsburgh, Pennsylvania (Research Foundation Contract/Grant)	344
University of Puerto Rico, Rio Piedras, Puerto Rico	263
University of Rochester, Rochester, New York (Research Foundation Contract/Grant)	447
University of Washington, Seattle, Washington (Research Foundation Contracts/Grants)	214, 388
University Regional Campuses	7, 523
Upham Hall--Air Conditioning and Electrical Improvements	181, 455
Upjohn Company (The), Kalamazoo, Michigan	221, 448, 544
Upper Arlington, City of, Upper Arlington, Ohio	159

V

Van Lennep, Frederick L. (Mr. and Mrs.), Lexington, Kentucky (Gift)	220
Variable Annuity Life Insurance Company	44
Vasko, John S., M.D., Pickerington, Ohio (Gift)	154
Veterinary Clinic Property, Marysville, Ohio	283
Veterinary Hospital--Connecting Road	363
Veterinary Medicine, College of	7, 523
Vice President for Administrative Operations	133
Vivian Hall Partial Remodeling	453

W

Walkup, Joseph K., and Sons, David W., Robert E., and John D. Walkup, Ames, Iowa (Gift)	361
Walkup, Wildah Turnbull, Memorial Fund (The)	361
Waller & Lund, Inc.	183
Washburn, Grace High, Trust (The), Bucyrus, Ohio	246, 390, 489
Watts Hall--Masonry Repair	454
Weed, Ithamar D., and Sally Lemert Weed (Gift)	273
Weed-Lemert Fund (The)	273
Weigel, Eugene John, Estate of, Columbus, Ohio	490

Welding Engineering Building--Exterior Masonry Repairs. . . . .	279, 364
Wendland, Glenn, Property, West Boundary of Barneby Center, Fairfield County (Purchase of Buildings and Property) . . . . .	282, 366
West Campus--Fifth Building . . . . .	184
West Hall . . . . .	469
Westinghouse Educational Foundation, Pittsburgh, Pennsylvania . . . . .	489
Whirlpool Corporation, Benton Harbor, Michigan (Research Foundation Contract/Grant) . . . . .	271
Wildermuth, E. F., Foundation, Columbus, Ohio . . . . .	177
Williams, Harriett Pughsley . . . . .	458
Wilson, Florence O., Oklahoma City, Oklahoma (Gift) . . . . .	390
Wisconsin, State of, Board of Vocational, Technical, and Adult Education, Madison, Wisconsin . . . . .	351, 537
World Health Organization, Geneva, Switzerland . . . . .	351
World Health Organization, Geneva, Switzerland (Research Foundation Contracts/Grants) . . . . .	28, 174
World Health Organization, Human Reproduction Unit, Geneva, Switzerland (Research Foundation Contracts/Grants) . . . . .	355, 387
WTVN--Broadcasting Tower Lease . . . . .	456, 496

#### Y

Yassenoff, Leo, Chair in Philosophy and Jewish Studies, Establishment of . . . . .	191
Young, Maurice A., M. D., Youngstown, Ohio (Gift) . . . . .	346

#### Z

Zaugg, Olinger, Zaugg, Architects, Inc., Mansfield, Ohio . . . . .	391
Zieg Realty Company . . . . .	365